



FOREST BIOMASS BUSINESS CENTER

CAMPTONVILLE, CA

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Camptonville Community Partnership

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PROJECT OVERVIEW

- Establishing a need for the Forest Biomass Business Center (FBBC)
- Project goals
- FBBC business concept
- Project history
- Current work
- Next steps
- Questions and comments

WHY DOES YUBA COUNTY NEED A FOREST BIOMASS BUSINESS CENTER?

- Improve forest health
- Create fire safe communities
- Improve air quality/reduce pile burning
- Create jobs
- Re-vitalize the Celestial Valley mill site



PROJECT GOALS

1. Build viable models for biomass utilization
2. Create sustainable local employment
3. Promote a fire safe community
4. Improve regional air quality
5. Enhance forest and watershed health
6. Produce renewable energy
7. Revitalize the Celestial Valley mill site



THE FOREST BIOMASS BUSINESS CENTER CONCEPT

- Bioenergy facility anchor tenant
- Co-located businesses utilize excess electricity and off-heat
- Biomass from ~25 mile radius, a mix of private timber companies, USFS timber sales, and private operators.
- $\leq 2.7\text{MW}$
- Potential co-located businesses
 - Wood pellet plant
 - Seasoned firewood
 - Heat-treated pallets
 - Pet bedding
 - Poles
 - ??



PROJECT HISTORY

- 2010: Yuba Foothills Biomass Feasibility Study
- 2010: CCP and the Yuba Watershed Protection and Fire Safe Council
- 2013-14: National Forest Foundation Grant
 - Community outreach & capacity building
 - Formation of a project steering committee
 - Networking with other projects/statewide efforts
 - Economic Development Plan

CURRENT PROJECT WORK

- 2014-2015: Sierra Institute's Rural Community Development Initiative Grant
 - Technical assistance
- 2014-Ongoing: Pacific CHP Technical Assistance Partnerships
 - Viability of potential co-located businesses using off-heat and surplus electricity from CHP technology
- 2014-2015: Sierra Nevada Conservancy Grant
 - Feasibility study for a bioenergy facility at the Celestial Valley site
 - Continue community outreach and education
 - Expected completion July 31, 2015

NEXT STEPS

- January 2015: USFS Wood Innovations Grant application
 - Joint application with Nevada County Biomass Task Force and the Fire Safe Council of Nevada County
 - Requests funding for site planning, permitting and System Impact Study for each site
 - Grant awards to be announced April 7, 2015

BARRIERS TO SUCCESS

- Need to increase organizational capacity
- CCP Board development and education
- Develop a strategic plan
- Gain a clear understanding of steps involved for biomass project development

LESSONS LEARNED

- Go slow!
- Continuously outreach to the local community and gain support
- Ask questions, and utilize the expertise of others willing to share
- Collaborate
- Be willing to move the project forward trusting that technology will catch up

QUESTIONS & COMMENTS

Camptonville Community Partnership

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THANK YOU!