



# **California Biomass Collaborative**

2<sup>nd</sup> Annual Forum

1 March 2005



# Mission

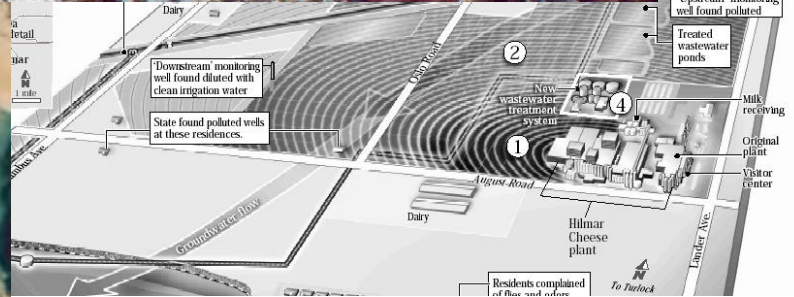
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- ❑ To enhance the sustainable management and development of biomass in California.
- ❑ Provide a forum for industry, government, academic, and environmental community interactions

# Need for Sustainable Management and Development

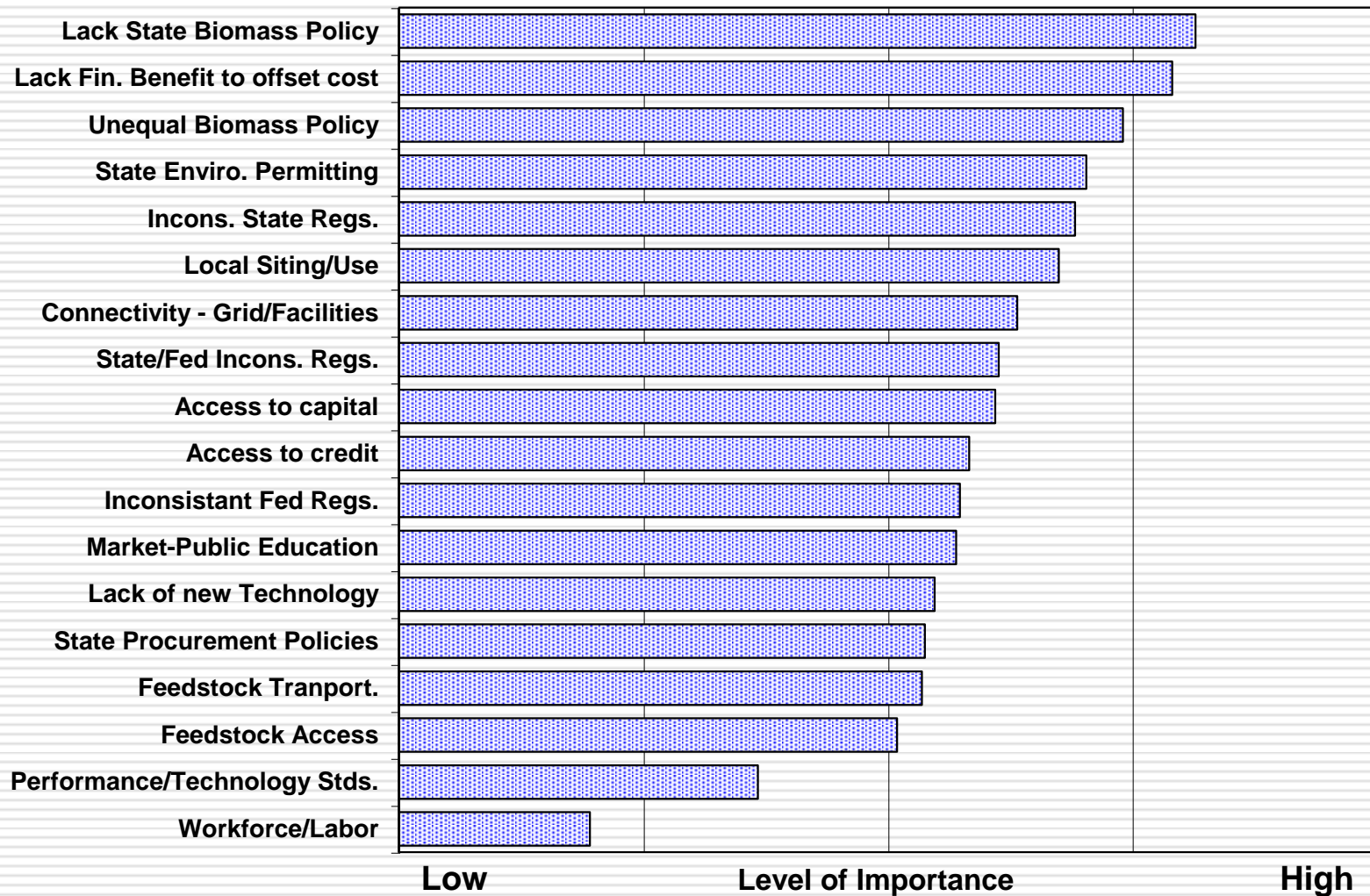


...ding wastewater o  
 ...allows hundreds of Valley food p  
 ...land, within limits set by the Cen  
 ...trol Board. The wastes are supp  
 ...through the soil. Industry consu  
 ...ful levels of salts and other pol  
 ...ese's own pollution tests sugges  
 ...to test groundwater quality month  
 ...f 20 "monitoring" wells. Two of th



# Survey Responses-First Collaborative Forum

Impediments - Averages of Survey Responses  
(First Biomass Collaborative Forum)





# Activities

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- White Paper on Biomass in California
- Biomass Facilities Reporting System
- Power Generation Assessment
- Biomass Resource Assessment
- Planning for 2<sup>nd</sup> Annual Forum



# Planned Activities

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- Roadmap for development
- Education, training, and outreach
- Biomass Facilities Reporting System
- Biomass Resource Assessment Update
- Next Forum

# Executive Board



- State
  - Energy Commission
  - Department of Food and Agriculture
  - Department of Forestry and Fire Protection
  - Integrated Waste Management Board
  - Office of the Controller
- Federal
  - Department of Energy
  - Environmental Protection Agency
  - Forest Service
  - National Science Foundation
- National Laboratory
  - National Renewable Energy Laboratory
- Industry
  - Arkenol
  - Biobased Manufacturers Association
  - Bioenergy Producers Association
  - Colmac Energy
  - Farm Bureau Federation
  - Future Resources Associates
  - Pacific Gas and Electric
  - Peninsula Energy Partners
  - SCS Engineers
  - TSS Consultants
  - Western United Resources Development
- Environmental
  - Sustainable Conservation
- Academic
  - University of California



# California Biomass Collaborative

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- <http://biomass.ucdavis.edu>
- Email: [biomass@ucdavis.edu](mailto:biomass@ucdavis.edu)







# Forum Agenda

- Morning 8:30-12:00
  - Keynotes
  - Concurrent Sessions
    - Biopower
    - Biofuels and Bioproducts
- Lunch
  - Provided with registration
- Afternoon 1:00-5:00
  - Keynote
  - Resources and Environment
  - Financing and Economics of Biomass Projects
  - Summary and Wrap-up

Survey form included in packet—please fill out and return by end of day or mail to Collaborative at address on form



# Keynote

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- Jim Boyd  
Commissioner  
California Energy Commission



Accelerating renewable energy  
development in California and the role of  
biomass

# Keynote

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## □ John Ferrell



Biomass Technology Development

Lead, Feedstock and Conversion Platforms

US Department of Energy

Federal goals for biorefinery development  
and implications for fuel and power in  
California

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# Concurrent Sessions

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- Biopower
- Biofuels and Bioproducts



# Keynote

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- Joe Desmond  
Deputy Secretary, Energy  
California Resources Agency



The need for a comprehensive biomass  
policy in California

# Technical Session

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## Resources and Environment



# Technical Session

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- Financing and Economics of Biomass Projects

# Summary

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