



Presented by:



ag
INNOVATIONS

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California Roundtable on Agriculture & the Environment FINDINGS

February 8, 2016



C R A E

CALIFORNIA ROUNDTABLE ON
AGRICULTURE & THE ENVIRONMENT

A forum for agricultural and environmental leaders to resolve conflict, find common ground, and work together to support agriculture and improve environmental outcomes.

Objectives: To build the capacity and resources necessary to address issues in California agriculture and environment through creation of:

- Intellectual capital (new ideas and actions)
- Human capital (knowledge and leadership)
- Social capital (relationship-building)
- Physical capital (impact areas of common ground)





Cultivating CA's Bioeconomy: Turning Ag Waste into Profit

-  Connect the dots between inputs, outputs, and opportunities – farmers, foresters, policymakers, technology, entrepreneurs, and industry
-  Uncover new homes, markets, and emerging technologies for agricultural byproducts
-  Inform a strategy for an innovative, thriving, California bioeconomy





CRAE Members & Partners

Agricultural Council of California

Almond Board of California

American Farmland Trust

Audubon California

Bank of America, Merrill Lynch

CA Association of Resource Conservation
Districts

California Department of Conservation

California Department of Food & Agriculture

California Farm Bureau Federation

California Fresh Fruit Association

California State Water Resources Control Board

Community Alliance with Family Farmers

Defenders of Wildlife

Environmental Defense Fund

Governor's Office of Business & Economic
Development

King-Gardiner Farms, LLC

Markon Cooperative

Rominger Brothers Farms

Sacramento-San Joaquin Delta Conservancy

Sustainable Conservation

The Gualco Group

The Nature Conservancy

UC Davis College of Ag & Environmental Science

University of California, Ag & Natural Resources

USDA Natural Resources Conservation Service

Western United Dairymen



What brought us here

CRAE Findings

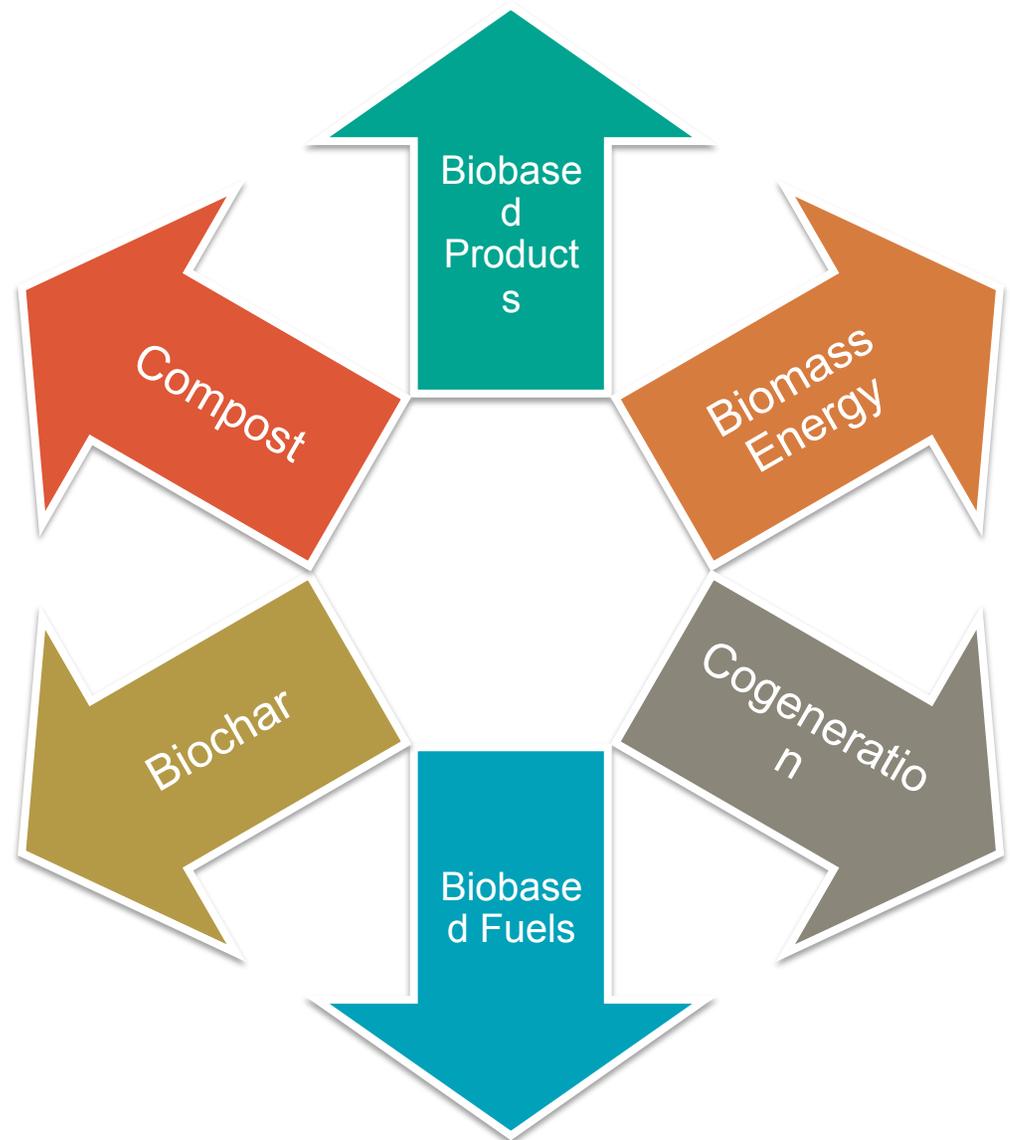
1. There is a massive challenge and unique opportunity facing producers of woody biomass in California.
2. Agriculture does not want to burn its woody biomass – but some producers are left with few options.



CRAE Findings

3. Significant amounts of woody waste must be chipped – either as an alternative to burning, or as a process to becoming another output.

4. In addition to chipping, there is a suite of conversion methods - including high and low tech innovations - that would benefit California agriculture, forestry, and environment.





CRAE Findings

5. Challenges exist at each step in the value chain for conversion methods.

6. We need a California Bioeconomy that supports all of these conversion methods, and is designed for future systems, not only our current systems.

CRAE Findings

7. There appears to be no cohesive roadmap for agricultural waste.

8. The time is now – the situation is urgent.



CRAE Summit 2016: Cultivating a California Bioeconomy

Some Key Recommendations

- Build a broad scale, statewide alliance
- Develop a CA Roadmap
- Support regional conversations for innovative, regional solutions





Sustaining the Momentum

Take 1 minute and introduce yourself:

- Your name, affiliation, and what is one thing you learned today that will improve how you work with biomass?

Discuss and record on an index card:

- What are three ways that momentum could be sustained from today in Southern California?
- Who was not here today who should be?