

Yreka, October 21 2010

Biomass Crop Assistance Program (BCAP) and Woody Biomass Utilization Grant (WBU)

Gareth J Mayhead
University of California Berkeley
In partnership with:
USDA Forest Service Region 5

<http://ucanr.org/WoodyBiomass>



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Biomass Crop Assistance Program

- 2008 Farm Bill Energy Program
- Run through Farm Services Agency (FSA)/Commodity Credit Corporation
- Funded August 2009
- Provides a match payment of up to \$45/BDT for the collection, harvest, storage and transportation of biomass to a qualified biomass conversion facility (heat, power, bio-based products or liquid fuels)
- Put on hold Feb 8 2010
- Comment period on proposed rule open until April 9 2010 – 40,000+ comments received
- Restart in October 2010 (?) based on new rules

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Nationwide qualified conversion facilities

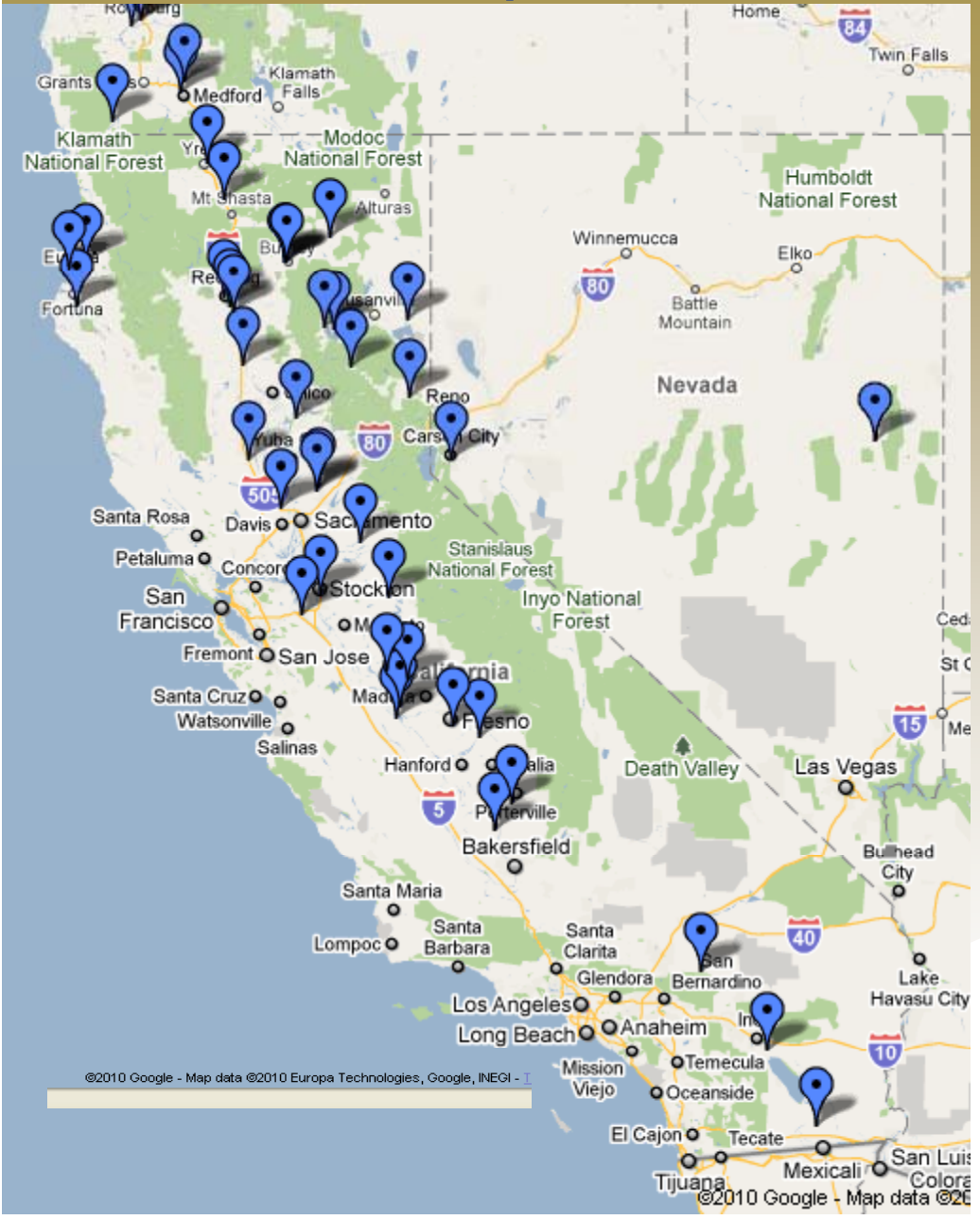
- 453 facilities
- 5,394 contracts
- \$235m spent (FY'09 & '10)



<http://ucan.org/woody/Biomass>



California qualified conversion facilities

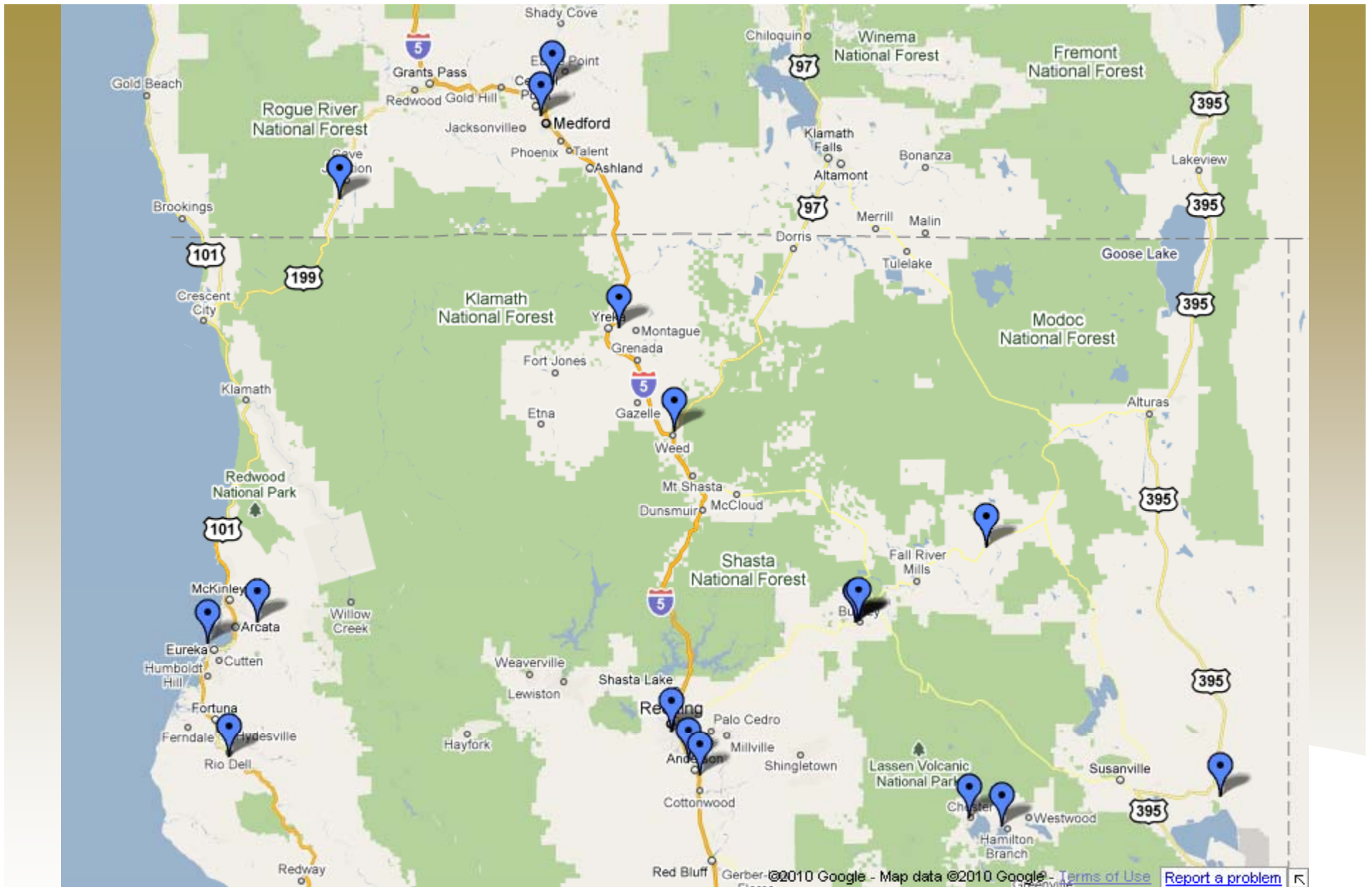


- 38 facilities in CA (8.4%)
- 291 contracts
- \$27.73m spent (FY'09 & '10) (11.8%)



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Unintended consequences

- Price for urban waste wood down significantly (not eligible)
- Other raw material users priced out of market, eg shavings, post and pole, particleboard, MDF
- Some low grade lumber being chipped and sent to power plants
- Sawmills shipping hog fuel off-site to another power plant in order to get subsidy
- Pulp mills became eligible as qualified conversion facilities

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- A good program to take advantage of if you qualify
- A bad program if you do not qualify
- In many cases pays for “business as usual”
- Limited long term impact
- No reward for innovation
- Is there a better way to spend \$\$\$\$\$\$\$ on market development for biofuels or biomass utilization?

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Forest Service National Hazardous Fuels Woody Biomass Utilization Grant (WBU)

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Research

Units

FPL's Technology Marketing Unit

Status Of 2011 Grant Program

No announcement at this time, pending agency decision and Congressional Appropriation. This website will post new information when it is available.

map. These Forest Service priorities are based on historical high suppression costs, as well as high fire probability coupled with high housing density. All National Forests and private forestlands are eligible for the other half of the funding. -->

- Sections
- 2011 Woody Biomass Utilization Grant Program Map (PDF)
 - List (PDF)
 - Eligibility, Award Information, and Criteria (PDF)
 - Pre-application Directions (PDF)
 - Full-application Directions (PDF)
 - Forms
 - Financial Spreadsheet Tool (Ver 2.0)
 - Who to contact
 - Community Wildfire Protection Plan Definitions (PDF)
 - Supporting Materials

- >
- Putting Technology to Use
 - The TMU at Work
 - TMU Staff
 - 2009 Successful ARRA and WBUG Projects
 - 2006 National Forest Products Utilization and Marketing Personnel Directory
 - Publications
 - Listing
 - Topic
 - Special Interest - Small Diameter Roundwood
 - Software

<http://www.fpl.fs.fed.us/research/units/tmu/tmugrants.shtml>

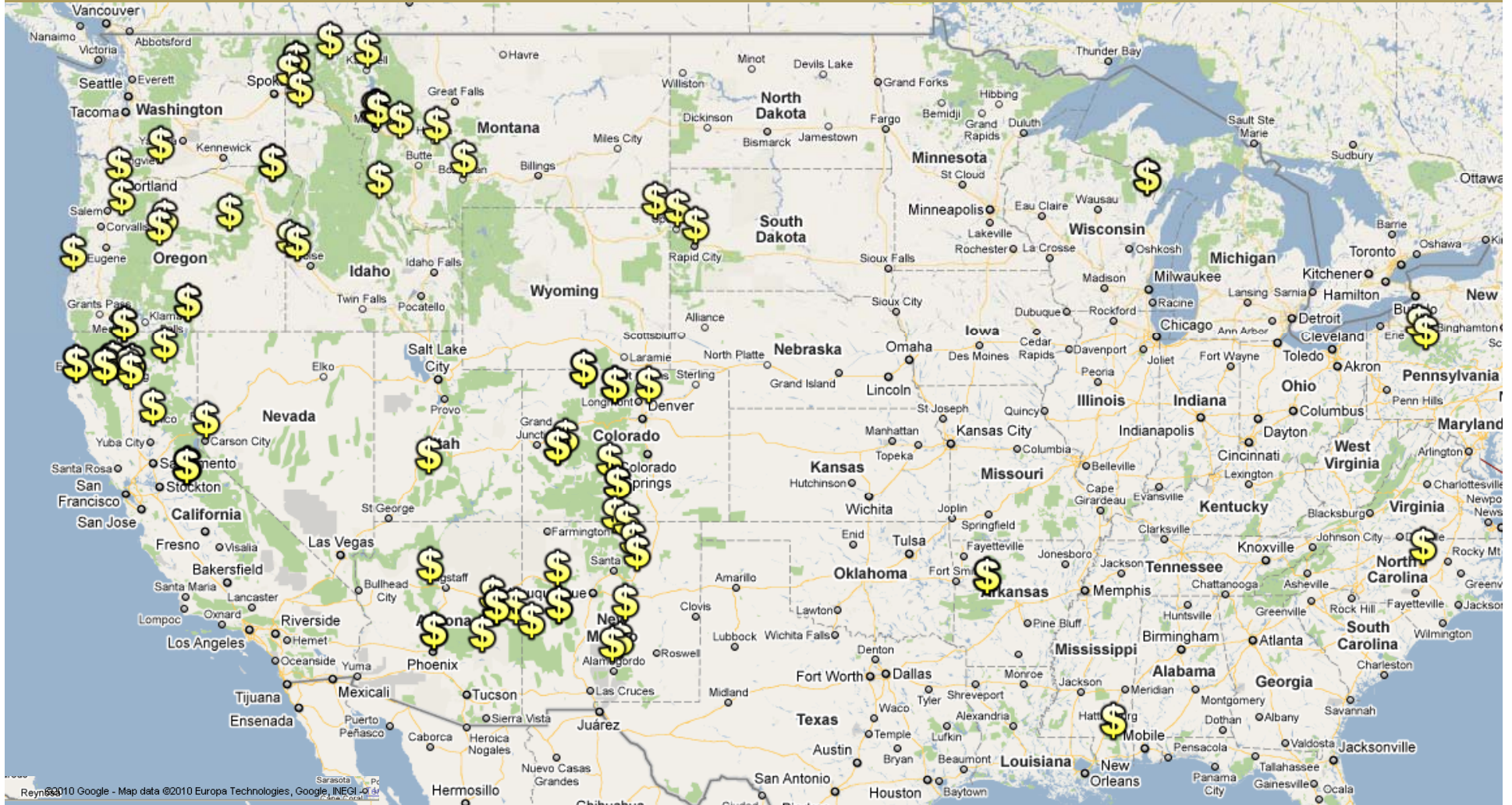
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Projects 2007-2010 (~\$19.2m)



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Examples of funded projects

- In Woods Equipment
 - Forwarder, **feller buncher, chipper, grinder, loaders**
- Value added processing equipment:
 - Post and pole peeler
 - **Densified wood fuel manufacturing equipment,**
 - **Log Shavers,**
 - **Doweling machine,**
 - **Merchandizing system,**
 - **Log scanner,**
 - Wood fired dry kiln
 - Wood treatment equipment

[Red text = California projects]

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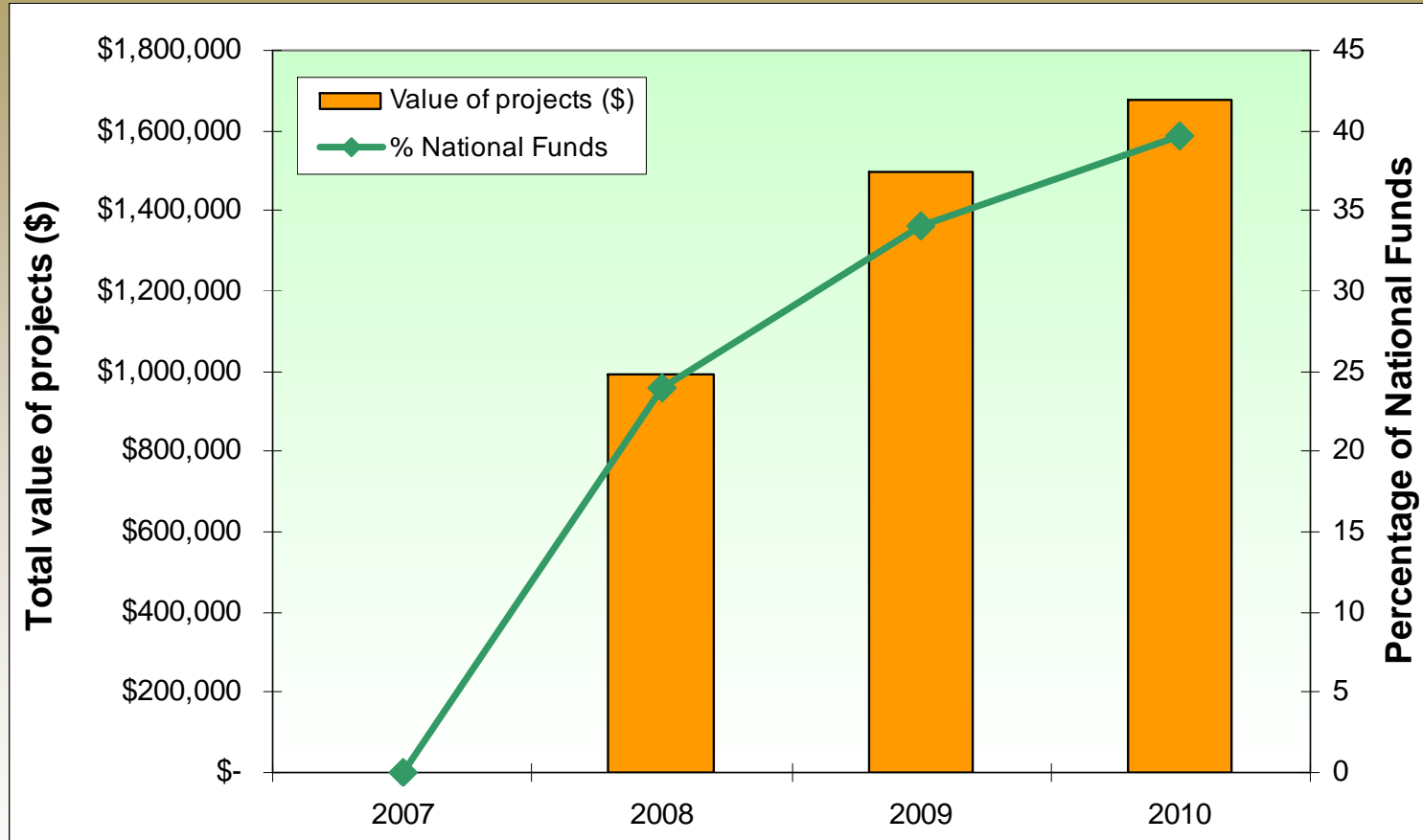


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California Projects 2008-2010

- 15 projects (14 CA (inc 1 ARRA), 1 OR)



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WBU 2011

- Appears that program will significantly change
- Wait for updates

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Further Information

<http://www.fpl.fs.fed.us/research/units/tmu/tmugrants.shtml>

<http://www.apfo.usda.gov/FSA/webapp?area=home&subject=ener&topic=bcap>

<http://ucanr.org/BiomassGrants>

Questions/help:

Gareth Mayhead (UC Berkeley)

510-665-3662

gmayhead@berkeley.edu

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