

# *USDA update on Advancing Biomass Projects*

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*Todd Campbell*  
*USDA Rural Development*

**Biomass TAC Meeting**  
*June 4-6, 2013*



# USDA Biomass Updates

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- Dairy Memorandum of Understanding
- Farm to Fly 2.0
- Farm Bill Title IX Update
- Energy Website Update

# Dairy Memorandum of Understanding

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- April 24- USDA renewed a historic agreement with U.S. dairy producers to accelerate the adoption of innovative waste-to-energy projects and efficiency improvements on U.S. dairy farms, both of which help producers diversify revenues and reduce utility expenses on their operations.



# Dairy Memorandum of Understanding

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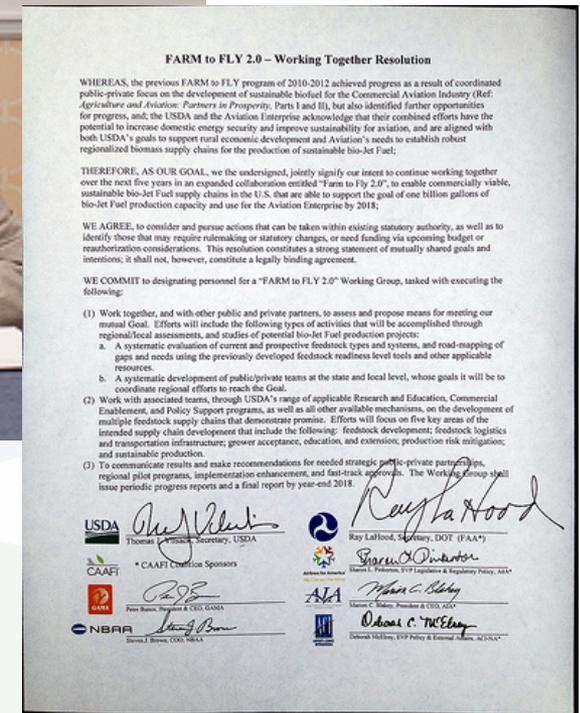
- Since signing the MOU, USDA has made nearly 180 awards that helped finance the development, construction, and biogas production of anaerobic digester systems with programs such as: the Rural Energy for America Program (REAP), Bioenergy Program for Advanced Biofuels, Business and Industry Guaranteed Loan Program, Value Added Producer Grants, Environmental Quality Incentive Program, amongst other
- Develop Biogas Roadmap
- <http://www.usda.gov/documents/usda-mou-innovation-center-us-dairy.pdf>

# Farm to Fly 2.0



- InterAgency Agreement between U.S. Department of Agriculture, Department of Transportation-Federal Aviation Administration, and a host of other partners
- USDA and the Aviation Enterprise acknowledge that their combined efforts have the potential to increase domestic energy security and improve sustainability for aviation

[http://www.usda.gov/wps/portal/usda/usdahome?contentidonly=true&contentid=renewable\\_energy.xml](http://www.usda.gov/wps/portal/usda/usdahome?contentidonly=true&contentid=renewable_energy.xml)



Committed to the future of rural communities.

# Farm Bill Title IX

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## Current Solicitations

- Section 9002 expect to open the program in near future
- Section 9003 expect to open the program in near future
- Section 9004 Unfunded for 2013
- Section 9005 expect to open program in near future
- Section 9007 Currently open with extended deadline, additional extension expected shortly
- Section 9008 Unfunded for 2013
- Section 9011 Unfunded for 2013

# Farm Bill Title IX

Provision	Senate Changes	House Changes
<b>Biobased Markets Program (Sec. 9002)</b>	Extends through FY2018 with \$3 million/year mandatory and \$2 million/year discretionary	Extends through 2018, “such funds to carry out this section”
<b>Biorefinery Assistance Program (Sec. 9003)</b>	Authorized through 2018 with \$150 mil/year Discretionary Mandatory money: \$100 million in FY13, \$58 million in FY14 and 15. For FY13-15, not more than \$25 million toward biobased product	Reauthorized through 2018 with \$75 million/year discretionary funding
<b>Repowering Assistance Program Sec. 9004</b>	Program not reauthorized , section eliminated	Reauthorized through 2018 with \$10 million/year discretionary Funding

Provision	Senate Changes	House Changes
<b>Bioenergy Program for Advanced Biofuels (Sec. 9004 in Senate bill and Sec. 9005 in House )</b>	Reauthorized through 2018 at \$20 million/year discretionary	Reauthorized through 2018 with \$50 million/year discretionary funding
<b>Biodiesel Fuel Education Program (Sec. 9005 in Senate bill and Sec. 9006 in House bill)</b>	Reauthorized through 2018 at \$1 million/year discretionary and with \$1 million/year mandatory funding	Reauthorized through 2018 with \$2 million/year discretionary funding.
<b>Rural Energy for America Program (REAP (Section. 9006 in Senate Bill and Sec. 9007 in House bill)</b>	Reauthorized through 2018 at \$20 million/year discretionary and \$48.2 million/year mandatory funding	Reauthorized through 2018 with \$45 million/year discretionary funding

Provision	Senate Changes	House Changes
<b>Biomass Research and Development Initiative (Sec. 9007 in Senate bill and Sec. 9008 in House )</b>	Reauthorized through 2018 with \$30 million/year discretionary and \$26 million/year mandatory funding	Reauthorized through 2018 with \$20 million/year discretionary funding
<b>Feedstock Flexibility Program (Sec. 9008 Senate, 9009 House )</b>	Reauthorized through 2018	Reauthorized through 2018
<b>Biomass Crop Assistance Program (BCAP) (Sec. 9009 in Senate bill and Sec. 9010 in House )</b>	Reauthorized through 2018 with \$20 million/year discretionary and \$38.6 million/year mandatory funding	Reauthorized through 2018 with \$75 million/year discretionary funding
<b>Community Wood Energy Program (Sec. 9011)</b>	Reauthorized through 2018 at \$5 million/year discretionary funding	Reauthorized through 2018 with \$2 million/year discretionary funding

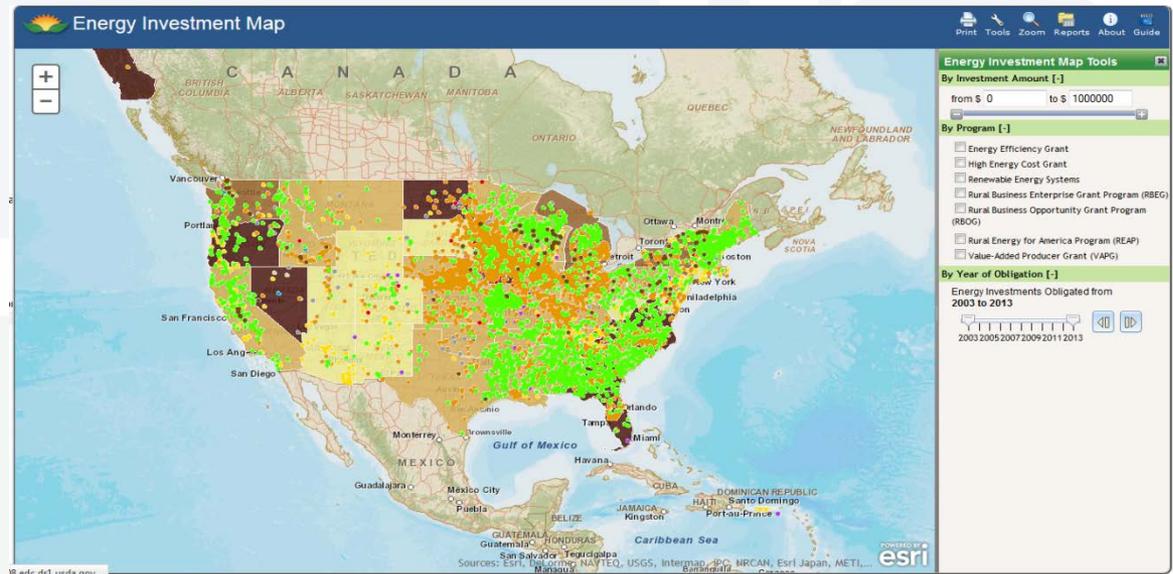
# USDA Energy Web Portal

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- Continue to Increase Efficiencies & Quality
- Create Sustainable & Useful Applications
- Build and Maintain Productive Relationships with Stakeholders

# USDA Energy Web Portal

- Energy Investment Map V2.0
  - New Functionality Based Upon User/Agency Feedback
  - Upgraded Software
  - Establish Mapping/Database Environment
  - Redesign to Increase Functionality, Improve User Experience & Ensure Scalability

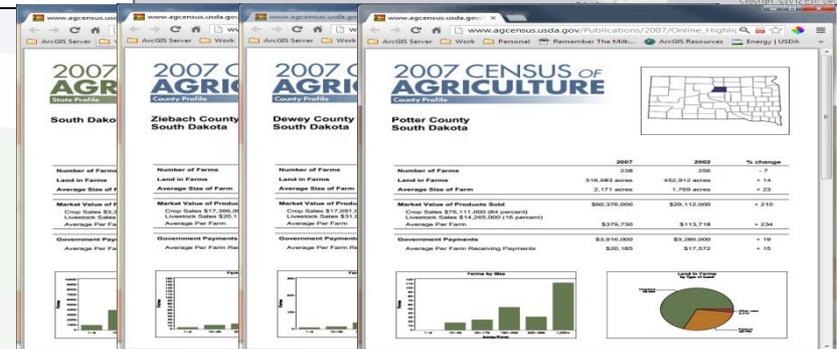
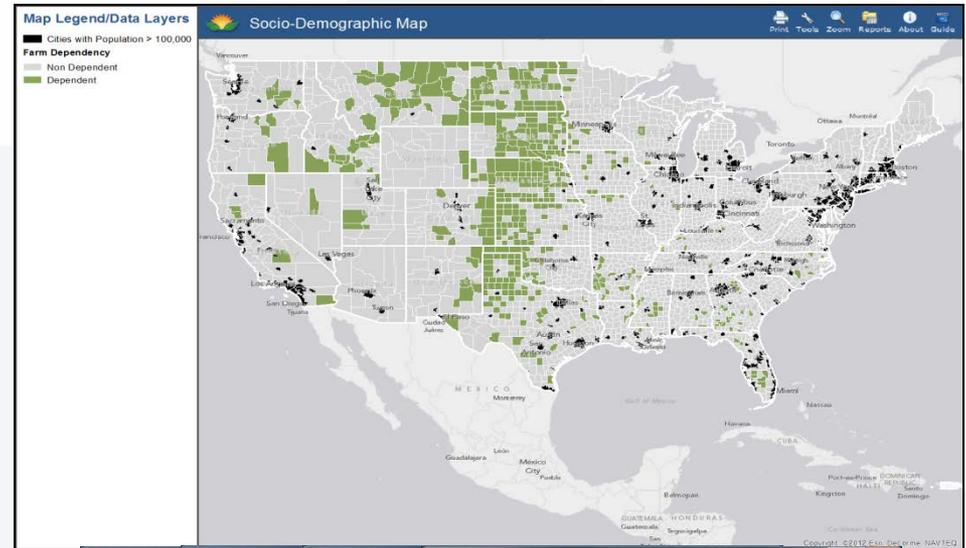


# USDA Energy Web Portal

## Renewable Energy Tool

### Bio-Refinery Stakeholder Assessment Tool

- Incorporate the Feasibility Points: Technical, Economic, Management, Market, Financial, Sustainability
- Focus on the Stakeholder Base: Public Officials, Lenders, Investors, Farmers/Ranchers
- Guide the User Through An Assessment
- Provide Meaningful Information Derived from Multiple Sources into One Tool
- Ensure the Tool Is Sustainable and Scalable



# Energy Web V.2.0

New, for each tool,  
a video tutorial with  
voice over and  
captioning.

Tutorials are less  
than four minutes.



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*Thank you!*

*For more information on USDA Energy Programs, visit: [www.usda.gov/energy](http://www.usda.gov/energy)*



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