



# U.S. Department of Energy, Biomass Program

Updates to Biomass R&D TAC

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# TAC Housekeeping

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- Registered Lobbyists – Update
- 2007/2008 Recommendations Status
- Travel Reimbursement – Chrissy Fagerholm (Poe): [christina.fagerholm@ee.doe.gov](mailto:christina.fagerholm@ee.doe.gov)
- Status of 2010 Nomination Process
- Next Meeting – February 2010 TBD

# Active Solicitations



## Advanced Biofuels

- Integrated Pilot-Scale or Demonstration-Scale Biorefinery for Advanced Biofuels
  - Up to \$480M over 5 years for up to 20 projects
  - Pilot-Scale requires  $\geq 20\%$  cost share
  - Demo-scale requires  $\geq 50\%$  cost share
  - Closed; Proposal review completed

Funded by  
Recovery Act



# Active Solicitations Continued



## Ethanol Blends Infrastructure & Outreach

- Refueling Infrastructure for Higher Ethanol Blends
  - \$3.5M for 15 – 30 projects
  - Expand the infrastructure at retail fueling locations to accommodate blends up to E85
- Outreach for higher ethanol blends
  - \$2M for up to 5 projects
  - National campaign projects that will raise public awareness of the benefits, safety, and use requirements of higher ethanol blends up to E85
- Closed; Proposal review is underway

Funded by  
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## Algal and Advanced Biofuels

- Development of algae-based biofuels and advanced, infrastructure-compatible biofuels
- Up to \$85M for 2 – 3 partnership-based projects over 3 years
- Closed; Proposals are currently undergoing technical merit and programmatic review
- Anticipate an announcement in Winter 2010

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## Awards Made



- DOE selected 3 projects under the 2009 USDA/DOE joint solicitation:
  - Exelus, Inc. (Livingston, NJ) up to \$1,200,000
  - Consortium for Research on Renewable Industrial Materials (Washington, Idaho, North Carolina, Mississippi, and Tennessee) up to \$1,430,535
  - The University of Tennessee (Knoxville, TN) up to \$2,345,290

# 2010 Activities



- Biopower Technical Strategy Workshop
  - Dec. 2 – 4, 2009
  - Outcome: Strategic planning & development of future R&D priorities in the area of biopower
- Bioproducts from Cellulosic Feedstocks Workshop
  - Dec. 4, 2009
  - Outcome: Report that will inform strategic planning within the Federal Government in the area of bioproducts
- High-Yield Resource Assessment Scenario Workshops
  - Dec. 3, 2009 (Corn & Ag Res); Dec. 10 -11, 2009 (Herbaceous & Woody)
  - Outcome: Addition of a stakeholder-based “high-yield” scenario to the upcoming Billion Ton Study update

# Biomass 2010 Event – Tentative Details



- March 30 – 31, 2010
- Hyatt Regency Crystal City, Arlington, VA
- Potential Plenary Topics:
  - Continuing Biomass Innovation in Changing Economic Climates
  - Biomass: The Energy-Agriculture Link
  - Green Jobs/Rural Development
  - Biopower and Bioproducts
- 4 Technical Tracks:
  - Coordinating Basic Science & Applied R&D
  - Feedstocks
  - Hydrocarbon Fuels
  - Clean Energy and the Environment