

## AGENDA

# Biomass 2009: Fueling Our Future

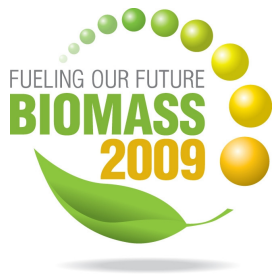
March 17 and 18, 2009

[www.biomass2009.com](http://www.biomass2009.com)

Gaylord National  
201 Waterfront Street  
National Harbor, Maryland 20745

### March 17, 2009

- 7:30 a.m. – 8:00 a.m.**      **Registration/Exhibit Hall Opens/Early Break**
- 8:00 a.m. – 8:15 a.m.**      **Welcome - Steven G. Chalk**  
Principal Deputy Assistant Secretary, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy
- 8:15 a.m. – 9:00 a.m.**      **Secretary of Energy Steven Chu (invited)**  
*Vision and direction for U.S. Department of Energy*
- 9:00 a.m. – 9:30 a.m.**      **Rep. Roscoe Bartlett (R-MD)**  
*Rep. Bartlett will share his perspective on our nation's energy strategy and changes that have occurred in the past year. He will discuss the role of biofuels as part of a portfolio of clean energy technologies for achieving energy security in the United States, and the policy and RD&D investment that is required*
- 9:30 a.m. – 10:15 a.m.**      **Plenary Session: Dispelling the Myths and Addressing the Challenges**  
*– A discussion of key issues including “food versus fuel,” indirect land-use change, and the contribution of second- and third-generation biofuels in meeting transportation sector energy demand.*
- Speakers:**  
**Brent Erickson**, Executive Vice President, Biotechnology Industry Organization  
**Richard Hamilton**, President and CEO, Ceres, Inc.  
**Jack Huttner**, Vice President, Biorefinery Business Development, DuPont Danisco  
**Charles Wyman**, Ford Motor Company Chair in Environmental Engineering, University of California Riverside
- 10:15 a.m. – 10:30 a.m.**      **Break with Exhibitors**
- 10:30 a.m. – 4:15 p.m.**      **Technical Sessions**  
**Our Technical Sessions include Five Technical Tracks**
- Track 1: Sustainability*
  - Track 2: Advanced Biofuels*
  - Track 3: Regulation and Policy*
  - Track 4: International Outlook*
  - Track 5: Biofuels Commercialization*



**10:30 a.m. – 12:30 p.m. Breakout Session I**

**Track 1: Sustainability I – Defining Sustainability: Science, Standards, and Scorecards** – An expansion on the work of various roundtables and working groups in developing standards, indicators, and scorecards and enhancing the decision-making process for ensuring sustainable production of biofuels.

**Moderator:**

*Virginia Dale, Oak Ridge National Laboratory*

**Speakers:**

*Barbara Bramble, National Wildlife Federation*

*Peter Halling, Novozymes*

*Jeff Steiner, U.S. Department of Agriculture, Agricultural Research Service*

*Barbara Stinson, Meridian Institute*

**Track 2: Advanced Biofuels I – Research & Development: Where We Are and Where We Are Going** – A review of the advances needed to achieve cost-competitive biofuels, considering biochemical and thermochemical platforms and DOE's Bioenergy Research Centers.

**Speakers:**

*Andy Aden, National Renewable Energy Laboratory*

*Brian Davison, Biological and Environmental Sciences Directorate, Oak Ridge National Laboratory*

*Tim Donohue, Great Lakes Bioenergy Research Center*

*Josh Heazlewood, Joint BioEnergy Institute, Lawrence Berkeley National Laboratory*

*Bill Roe, CEO, Coskata*

**Track 3: Regulation and Policy I – Federal Government Response for Meeting the Challenges of the Renewable Fuels Standard** – A discussion of Federal policy and regulation implemented to meet the Renewable Fuel Standard in the Energy Independence and Security Act of 2007.

**Moderator:**

*Carol Werner, Energy and Environmental Studies Institute*

**Speakers:**

*Joan Glickman, U.S. Department of Energy, Office of the Biomass Program*

*Shirley Neff, Association of Oil Pipelines*

*Karl Simon, Environmental Protection Agency*

*David Woodruff, Archer Daniels Midland Company*

**Track 4: International Outlook I – World Overview of Biofuels Sector** – A review of the status of biofuels development and policy activities internationally.

**Speakers:**

*Jennifer Holmgren, UOP*

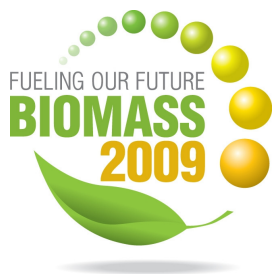
**Track 5: Biofuels Commercialization I – Federal Government Financial Support** – In these challenging economic times, should government's role change to support industry in demonstrating and commercializing biorefinery technologies?

**Moderator:**

*Jim Spaeth, U.S. Department of Energy, Golden Field Office*

**Speakers:**

*Will Coleman, Mohr Davidow Ventures*



**Bill Hagy**, U.S. Department of Agriculture  
**Gerson Santos-Leon**, Abengoa

**12:30 p.m. – 1:30 p.m. Luncheon**

**1:45 p.m. – 3:45 p.m. Breakout Session 2**

**Technical Tracks:**

**Track 1: Sustainability II – Visualizing Sustainability: Developing Geospatial Technology to Address Sustainable Biofuel Production** – The role of geospatial technology in analyzing the economic and environmental impacts of various development options for biomass feedstocks, biorefineries and infrastructure.

**Moderator:**  
**Budhu Bhaduri**, Oak Ridge National Laboratory

**Speakers:**  
**Jennifer Hewson**, Center for Applied Biodiversity Science, Conservation International  
**Christina Negri**, Argonne National Laboratory  
Representative from Conservation Biology Institute

**Track 2: Advanced Biofuels II – Current Innovations** – A look at the next generation of technologies—beyond ethanol—other alcohol-based liquid fuels, including butanol, algal fuels, biodiesel, and biogasoline

**Speakers:**  
**Randy Cortright**, Virent  
**Harrison Dillion**, Solozymes  
**David Glasser**, Gevo  
**Jennifer Holmgren**, UOP  
**Mark Niederschulte**, INEOS  
**Grag Pal**, LS9

**Track 3: Regulation and Policy II – Policy Challenges Beyond the Renewable Fuels Standard** – A discussion of additional policy considerations when implementing a National biofuels strategy.

**Moderator:**  
**Jane Earley**, Early & White Consulting Group

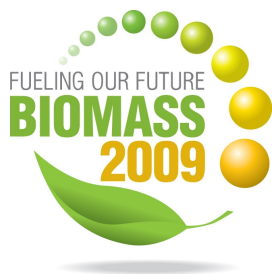
**Speakers:**  
**Audrey Lee**, Economist, U.S. Department of Energy, Office of Policy and International Affairs  
**Larry Pearce**, Governor's Biofuels Coalition  
**Brent Yacobucci**, Congressional Research Service

**Track 4: International Outlook II – Collaborative International Activities** – A discussion of world organizations and cooperative biofuels R&D activities.

**Speakers:**  
**Laurent Bochereau**, European Union  
**Jeff Skeer**, U.S. Department of Energy, Office of Policy and International Affairs  
**Don Stevens**, Pacific Northwest National Laboratory

**Track 5: Biofuels Commercialization II – Infrastructure Development** – A discussion of infrastructure modal adjustments needed to deliver the volumes of biofuels required under the Renewable Fuel Standard to market.

**Moderator:**



*Kevin Stork, U.S. Department of Energy, Vehicle Technologies Program*

**Speakers:**

*Brian Crowe, Iowa Office of Energy Independence*

*Jack Pester, Pester Marketing Co.*

*Mike Outlaw, Kinder Morgan Energy Partners*

**3:45 p.m. – 4:15 p.m.**

**Break with Exhibitors**

**4:15 p.m. – 5:15 p.m.**

**Perspectives on Outlook and Priorities from Biofuels Industries –**  
*A roundtable discussion of the biofuels industry by organization representatives*

**Moderator:**

**Speakers:**

*Bob Dinneen, President & CEO, Renewable Fuels Association*

*Doug Durante, Executive Director, Clean Fuels Development Coalition*

*Matt Carr, Biotechnology Industry Organization*

*Larry Schafer, Senior Advisor, National Biodiesel Board*

**5:30 p.m. – 7:00 p.m.**

**Reception**

## **March 18, 2009**

**7:30 a.m. – 8:30 a.m.**

**Registration/Exhibit Hall Opens/Breakfast**

**8:30 a.m. – 8:50 a.m.**

**Direction of the U.S. Department of Energy Office of Energy Efficiency and Renewable Energy –** Principal Deputy Assistant Secretary, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy

**9:00 a.m. – 9:30 a.m.**

**U.S. Secretary of Agriculture Thomas J. Vilsack** (invited)

**9:30 a.m. – 10:00 a.m.**

**Guest Speaker: Sue Ellerbusch, President BP Biofuels North America (confirmed)** – Strategies for developing biofuels in a sustainable manner and outlook for biofuels development globally

**10:00 a.m. – 10:30 a.m.**

**Break with Exhibitors**

**10:30 a.m. – 12:00 p.m.**

**Breakout Session 3**

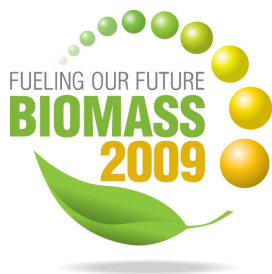
### **Technical Tracks:**

**Track 1: Sustainability III – Sustainable Feedstock Resource Availability** – A discussion of the resources available to ensure a sustainable supply of feedstocks can be produced to meet increased biofuels demand.

**Moderator:**

*Laura Neal, U.S. Department of Energy, Office of the Biomass Program*

**Speakers:**



**Zia Haq**, U.S. Department of Energy, Office of the Biomass Program  
**Doug Karlen**, U.S. Department of Agriculture, Agricultural Research Service  
**Vance Owens**, Sun Grant/South Dakota State University

**Track 2: Advanced Biofuels III – Applications: Fuel to Motion** – A discussion of fuel performance in light duty, heavy duty, and off-road applications.

**Speakers:**  
**Francis Lau**, Great Point Energy  
**Candace Wheeler**, General Motors

**Track 3: Regulation and Policy III – Meeting the Challenge at the State and Local Level** – A review of successful state and local policies and regulations that advance the goal of increasing biofuels use and reduce dependence on petroleum.

**Moderator:**  
**David Terry**, Governor's Biofuels Coalition

**Speakers:**  
**Jeff Peterson**, NYSERDA  
**Kelly Tiller**, Tennessee Biofuels Initiative  
**Bobby Wegener**, Secretary of Energy, Office of the Oklahoma Secretary of Energy

**Track 4: International Outlook III – Outlook for International Biofuels Development** – A discussion of recent studies including resource assessment, life cycle analysis, and market development.

**Speakers:**  
**Audrey Lee**, U.S. Department of Energy, Office of Policy and International Affairs  
**Joel Velasco**, Brazilian Sugarcane Industry Organization (UNICA)

**Track 5: Biofuels Commercialization III – Financing Sustainability: Evaluating investment in biofuels in the context of sustainability concerns and new financial and commercial structures**

**Speakers:**  
**Gregor Meerganz von Medeazza**, Inter-American Development Bank  
**Kathleen Robbins**, Green Micro-Finance  
**Ruth Scotti**, BP Biofuels

**12:00 p.m. – 1:00 p.m.**

**Luncheon**

**1:00 p.m. – 1:30 p.m.**

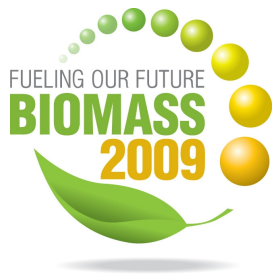
**Break with Exhibitors**

**1:30 p.m. – 3:00 p.m.**

**Plenary Session: Long Term Industry Outlook for Transportation Fuels** – A discussion focused on identifying and discussing visionary renewable energy goals and implementation challenges for the future of vehicle technology, industry, and finance.

**Moderator:**  
**Margi Kriz**, National Journal

**Speakers:**  
**Jeffery Jacobs**, Vice President, Biofuels & Hydrogen Business, Chevron  
**Lee Lynd**, Professor of Engineering, Dartmouth and Chief Scientific Officer, Mascoma



**3:00 p.m. – 3:15 p.m.**

**Closing Remarks - Jacques Beaudry-Losique**

Deputy Assistant Secretary for Renewable Energy, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy

**3:15 p.m.**

**Adjourn**

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