



2009 AgSTAR National Conference

Hilton Baltimore
February 24-25, 2009

DRAFT AGENDA

Day One – Tuesday, February 24, 2009

- 7:30 AM Registration and Morning Refreshments
- 8:20 AM Welcome
Kurt Roos, Team Lead, AgSTAR, U.S. Environmental Protection Agency (U.S. EPA)
- 8:30 AM Developments in Climate Change Policy
Dina Kruger, Director, Climate Change Division, U.S. EPA
- 9:00 AM Keynote Address
Earl M. (Chip) Jones, III, Senior Vice President, Corporate Responsibility and Sustainability,
Dean Foods Company
- 9:30 AM Policy and Other Challenges to Anaerobic Digester Systems
- History and Current Status of Manure Anaerobic Digester Systems
Kurt Roos, AgSTAR, U.S. EPA
- Expert Panel Discussion
Moderator: Chris Voell, AgSTAR, U.S. EPA
Steve Dvorak, GHD
Dennis Haubenschild, Haubenschild Farm Inc.
Danny Kluthe, Olean Energy
Marcus Martin, Martin Machinery/Gen-Tec LLC
Norma McDonald, Phase 3 Renewables
Dan Scruton, Vermont Department of Agriculture
Scott Subler, Environmental Credit Corporation
- 10:45 AM Break
- 11:15 AM Making a Digester Project Work Financially
Moderator: Chris Cassidy, USDA Rural Development
- What's a Digester Cost These Days?
John Crenshaw, Eastern Research Group (AgSTAR Contractor)
 - 2008 Farm Bill and USDA – What's Available for Digester Systems
Tony Crooks, USDA Rural Development
 - The Role of Cooperatives in Making Digester Projects Feasible
Carolyn Liebrand, USDA Rural Business -Cooperative Service
 - USDA and New Market Tax Credit Financing
Joel Dahlgren, Stoel Rives LLP
- 12:15 PM Conference Luncheon

Tuesday, February 24, 2009 (Continued)

- 1:30 PM What Are People Co-Digesting and What is the Outcome?
Moderator: Mark Moser, RCM International
- Physical, Chemical, and Biological Properties and Impacts on Gas Production
Jack Martin, Hall Associates (AgSTAR Contractor)
 - Co-Digestion of High-Energy Material with Dairy Manure to Maximize Biogas Output
Brian Gannon, Biogas Energy Inc.
 - Co-Digestion: The European Experience
Heinz-Peter Mang, German Biogas and Bioenergy Society
- 2:45 PM Break
- 3:15 PM Corporate Leadership in Digester Systems
Moderator: Garth Boyd, Camco International
- The Implementation of an Animal Biomass to Energy Project at a Large Scale Dairy in Jerome, Idaho
Patrick D. Wootton, PE, GE Energy/Jenbacher Engines
 - Dean Foods Achieves the "Gold Standard" With Its First Digester Project
Bob Joblin, Cenergy USA (part of AgPower Partners)
- 4:30 PM Value-Added Opportunities from AD Systems
Moderator: Jack Martin, Hall Associates
- Making Energy and Energro Potting Mix at Crave Brothers Dairy in Wisconsin
Dan Nemke, Clear Horizons LLC
 - New Gensets and On-Farm Direct Use Equipment
Marcus Martin, Martin Machinery
 - Powering Dairy Trucks with Digester Biogas at Hilarides Dairy in California
Norma McDonald, Phase 3 Renewables
- 6:00 PM Exhibitor and Poster Session Reception

Day Two – Wednesday, February 25, 2009

- 7:30 AM Morning Refreshments
- 7:30 AM Pre-Conference Ad Hoc Roundtable Discussions
Join us to informally discuss issues relevant to your business and the growth of the anaerobic digester industry. Last year in Sacramento we had a successful Project Developer Roundtable where developers discussed issues of concern and brainstormed solutions. We look forward to holding another Project Developer Roundtable in Baltimore.
- 8:30 AM Manure Digesters in the Swine and Poultry Sector
Moderator: Prince Dugba, Ph.D., P.E., Smithfield Foods Inc.
- Covering Swine Lagoons for Carbon Credits and Odor Control
Scott Tudman, Environmental Credit Corporation.
 - A Successful Swine Manure Digester in Nebraska
Danny Kluthe, Olean Energy
 - A Digester on Broiler Manure
John Logan, Brinson Farms, Prentiss, MS

Wednesday, February 25, 2009 (Continued)

- 10:00 AM Pipeline Quality Gas from Digesters
Moderator: Chris Voell, AgSTAR, U.S. EPA
- Biomethane from Dairy Waste Conversion: Guidance for Introduction to Natural Gas Networks
Diane Saber, Gas Technology Institute
 - Three Dairy Digester Pipeline Upgrade Projects Using PSA Adsorption Process
Michael Mitariten, Guild Associates, Inc.
 - Sean Mezei, QuestAir Technologies Inc.
- 11:00 AM Break
- 11:30 AM What's New in the Carbon Credit World – A Panel Discussion
Moderator: John Crenshaw, Eastern Research Group
Will Babler, First Capitol Risk Management, LLC
Peter Freed, TerraPass
Andy Dvoracek, Greenhouse Gas Service, LLC (GE Energy/AES Venture)
Patrick Wood, AgRefresh
Melissa Weitz, U.S. EPA Climate Change Division
- 12:30 PM Conference Luncheon
- 1:30 PM Tracking the Performance of Anaerobic Digester Systems
Moderator: Jack Martin, Hall Associates
- Using the ASERTTI Protocol – Initial Monitoring Results from Eight Digesters in New York State
Curt Gooch, Cornell University
 - Monitoring a Mesophilic, Plug-Flow Digester Using Co-Digestion of Food Processing Substrates with Dairy Manure
Craig Frear, Department of Biological Systems Engineering, Washington State University
- 2:30 PM New Horizons for Biogas Use / Closing Comments
Chris Voell, AgSTAR, U.S. EPA
- 3:00 PM Adjourn
- 3:30-5:30 PM **Innovation Center for U.S. Dairy** - Join us for a discussion on enabling widespread digester adoption by meeting producer's reliability needs. This discussion is open to all attendees and is sponsored by the Innovation Center for U.S. Dairy. More information will be provided in future mailings.

AgSTAR would like to thank the following companies for their generous support of this conference:

