



Arkansas Advanced Energy Foundation

124 W. Capitol, Suite 1630

Little Rock, AR 72201

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arkansasadvancedenergyfoundation.org

The Arkansas Advanced Energy Foundation (AAEF) is the non-profit, educational affiliate of the AAEE. AAEF promotes greater public understanding of advanced energy in Arkansas through research, public education programs and economic and workforce development. AAEF is dedicated to informing the energy policy debate with well-researched, fact-based data on the advanced energy economy in Arkansas and by providing a public forum where state leaders can address Arkansas's energy challenges for the future.

alt.Consulting

alt.Consulting, Inc.

211 West 3rd Avenue, Suite 245

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www.altconsulting.org/renewable-energy

alt.Consulting is a non-profit organization with a unique approach to delivering small business services. Since opening the first office in 1998 in the Delta, alt.Consulting has helped thousands of small businesses grow, offer jobs, and create new wealth in their communities. Today, alt.Consulting is also a Community Development Financial Institution making working capital loans up to \$50,000 to small businesses throughout the Delta.

Farm to Fuel: Technologies Advanced and Sold in the Arkansas Delta

October 29, 2013

DeWitt, AR



alt.Consulting

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Southern Ag DeWitt

Farm to Fuel: AGENDA

9:30 am Demonstrations of the Farm to Fuel Process

10:00 am Press Conference & Mini-Refinery Ribbon Cutting

Mini-Biorefinery Site

523 S. Jefferson Street

DeWitt, AR 72042

11:00 am Farm to Fuel Value Chain Panel Discussion

Phillips Community College of the University of Arkansas

1210 Rice Belt Avenue

DeWitt, AR 72042

12:00 Luncheon featuring Keynote Speaker Chris Masingill,

Delta Regional Authority Chairman

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Farm to Fuel: LUNCH PROGRAM

Welcome - **Dr. Steven Murray**

Chancellor, Phillips County Community College, University of Arkansas

Steve Patterson

Executive Director, Arkansas Advanced Energy Foundation

State Senator Linda Chesterfield and

State Representative David Branscum

Co-Chairs of the Legislative Joint Energy Committee

State Representative David Hillman

Keynote Speaker - **Chris Masingill**

Chairman, Delta Regional Authority

Acknowledgements - **Ines Polonius**

Executive Director, alt.Consulting

Closing - **Ron Bell**

Chairman of the Board, Arkansas Advanced Energy Foundation

Lunch provided by local entrepreneurs:

5-Oaks Catering

Alana Cox

LaDonna Woodiel

Carla Walton

Tanya Wilson

Rosa Sellas

The Farm to Fuel Project will effectively demonstrate how a wealth-creation value chain developed since 2010 by alt.Consulting, can potentially alter the economic future of the Arkansas Delta, rich with natural resources and entrepreneurship. The purpose of implementing the Farm to Fuel strategy today is to prepare the Arkansas Delta and the region to become the biofuel hub for the United States by: 1) developing the know-how to maximize yields for the new energy crop, Camelina, and 2) developing the infrastructure to produce biofuel through small-scale and large-scale refineries. The Arkansas Advanced Energy Foundation and alt.Consulting have partnered to sponsor this event convening farmers, entrepreneurs, educators, public officials, community leaders and advanced energy business leaders from across the Delta to mark production of the first gallon of biodiesel from local feedstocks at a mini-biorefinery in DeWitt, AR, the first Community of Innovation.

The mini-biorefinery, operated by local entrepreneur Johnny Davis, will utilize a technology developed by Springboard Diesel to produce small batches of biofuel with annual capacity of 80,000 gallons per year. As demand increases, DeWitt will obtain a larger micro-biorefinery designed by Dr. Srikant Gir and developed at the Marion Berry Renewable Energy Research Center at Mid-South Community College. It will have a production capacity of 200,000 to 1 million gallons per year. Once DeWitt has outgrown the mini-biorefinery, alt. Consulting will move it to develop the next Community of Innovation.

The Economic Impact of Farm to Fuel will spread across the Arkansas Delta as the DeWitt model is replicated in other communities. The project goal is to establish 25 Communities of Innovation and create at least 100 jobs.

In each community, the strategy will:

- Create 3 new small businesses
- Create 4 to 6 new jobs
- Generate between \$900,000 and \$3 million in new economic activity in the community depending on the size of the micro-refinery chosen based on available inputs
- Generate sales taxes for fuel consumed locally

Impact on Farmers: At an expected yield of 1000 pounds per acre, farmers are expected to generate additional profits from this winter crop of \$130 per acre.