

## AdvancedBiofuelsUS

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**Sent:** Wednesday, March 09, 2011 11:58 AM  
**To:** Joanne  
**Subject:** Advanced Biofuels News and Conference Info

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Truly Sustainable Renewable Future



## Coming Advanced Biofuels Events (details at

[www.AdvancedBiofuelsUSA.org](http://www.AdvancedBiofuelsUSA.org))

### • March

- [2011 Biomass Program Peer Review Meetings February through June Various Locations](#)
- [BioPro Expo March 14-16 Atlanta, GA](#)
- [BioWise 2011 Summit And Exhibition – Biofuels From Lab To Finance March 14-15 Kuala Lumpur, Malaysia](#)
- [Biomass For Power, Fuels, and Chemicals March 21-22, 2011 Minneapolis, MN](#)
- [World Biofuels Markets March 22-24 Rotterdam, Netherlands](#)
- [Nordic Wood Biorefinery Conference 2011 March 22-24 Stockholm, Sweden](#)
- [Algae Growing, Harvesting and Extraction Technologies Workshop March 28, 2011 New York, NY](#)
- [Winter Crops for Bioenergy March 29, 2011 State College, PA](#)
- [Argentina Clean Energy Congress March 29-30 Buenos Aires, Argentina](#)
- [BioEnergy World Africa 2011 March 30-31 Johannesburg, South Africa](#)

### • April

- [2011 Biomass Program Peer Review Meetings February through June Various Locations](#)
- [Global Algae Biodiesel World India 2011 April 5-6 Jaipur, India](#)
- [Algal Biomass Organization 2011 Annual Legislative Briefing April 6 Washington, DC](#)
- [Ethanol 2011: Emerging Issues Forum April 7-8 Omaha, NE](#)
- [Biofuels: Ethical Issues Launch Seminar April 13, 2011 London](#)
- [FutureFuels 2011 April 13th & 14th Mumbai, India](#)
- [BioBased Chemicals Asia April 14-15 Shanghai, China](#)

- [Advanced Biofuels Leadership Conference April 19-21 Washington, DC](#)
- [Defense Venture Catalyst Initiative Workshop April 25-26, 2011 McLean, VA](#)
- [World Conference of Bioenergy April 25-29 Dalian, China](#) (See below for special discount offer and **Automatic donation to Advanced Biofuels USA** with your registration--no cost to you!)
- [European Algae Biomass 2011 April 27-28 London, UK](#)
- **May**
- [International Biomass Conference & Expo May 2-5 St. Louis, MO](#)
- [Alternative Clean Transportation Expo 2011 May 4-7 Long Beach, CA](#)
- [World Congress on Industrial Biotechnology and Bioprocessing May 8-11 Toronto, Ontario](#)
- [3rd Algae World Europe May 16-17, 2011 Madrid, Spain](#)
- **June**
- [Ethanol Summit 2011 June 6-7, 2011 Sao Paulo, Brazil](#)
- [19th European Biomass Conference and Exhibition June 6-10, 2011 Berlin, Germany](#)
- [European Biodiesel 2011 June 15-16 Rotterdam, The Netherlands](#)
- [Bioenergy Institute for Educators June 20-25, 2011 Madison, WI](#)
- [15th Annual Green Chemistry and Engineering Conference June 21-23, 2011 Washington, DC](#)
- [5th International Conference on Green and Sustainable Chemistry June 21-23, 2011 Washington, DC](#)
- [JatrophaWorld Asia 2011 June 27-28 Hainan, China](#)
- [International Fuel Ethanol Workshop and Expo June 27-30 Indianapolis, IN](#)
- **July**
- [1st International Conference on Algal Biomass, Biofuels and Bioproducts July 17-20, 2011 St. Louis, MO](#)
- [Biomass 2011 July 26-27 National Harbor, MD](#)
- **August**
- [6th Annual Florida Farm to Fuel Summit August 3-5, 2011 Orlando, FL](#)
- [Innovation and Sustainability Conference & Expo August 24-27, 2011 Kampala Uganda](#)
- **September**
- [International Biorefining Conference and Trade Show September 14-16, 2011 Houston, TX](#)
- [RETECH Conference and Exhibition 2011 September 20-22 Washington, DC](#)
- **October**
- [Biofuels International Canada Expo & Conference October 3-4, 2011 Calgary, Alberta, Canada](#)
- [1st World Congress of Environmental Biotechnology-2011 October 19-22 Dalian, China](#)
- [Low Carbon Earth Summit October 19-26, 2011 Dalian, China](#)
- **November**
- [Southeast Biomass Tradeshow and Conference November 1-3, 2011 Atlanta, GA](#)
- [The Pacific Rim Summit on Industrial Biotechnology & Bioenergy November 7-9 Kuala Lumpur, Malaysia](#)
- **December**
- [Bioenergy International Asia Expo & Conference December 7-8, 2011 Kuala Lumpur, Malaysia](#)
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Get more information on our home page: [www.AdvancedBiofuelsUSA.org](http://www.AdvancedBiofuelsUSA.org).

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## Happenings on Capitol Hill, at the White House and in Federal Agencies



Recently, Advanced Biofuels USA board members, **Joanne Ivancic**, president, and **Bob Kozak**, treasurer, met with staff for Senators Debbie Stabenow (D-MI and Chair of Senate Agriculture, Nutrition and Forestry Committee), Amy Klobuchar (D-MN), and Rob Portman (R-OH) about concerns that open fuels standards risk favoring non-renewable and fossil fuel alternatives over sustainable, renewable biomass-based fuels. They also discussed developments in engine technology (specifically Ford's ecoboost and GM's ecotec engines) that enable [true optimized flex fuel vehicles](#) to achieve similar mileage regardless of ethanol/gasoline blend percentages.

Joanne also met with staff for Senators John Boozman (R-AR) and Richard Burr (R-NC) as she dropped off introductory materials for all the newly elected senators' staff who are working on biofuels issues.

Recently, Bob and Joanne have also worked with staff for Congressman Roscoe Bartlett (R-MD 6th) on issues ranging from algae to the open fuels standard to relative CO2 emissions from fuels produced using a variety of technologies from a variety of feedstocks. Congressman Bartlett is known as the Peak Oil Congressman and represents Advanced Biofuels USA's home district.

See more articles on [Federal Agency](#) activities and [Federal Legislation](#).

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## Green Racing



**NASCAR** also deserves a close look this season as they move to **Sunoco Green E15**. Advanced Biofuels USA covered the first NASCAR race using E15, the exciting "it takes two to tango" Budweiser Shootout. See reports on our exclusive interviews with [Jim Campbell](#), Chevy's VP for High [Performance Vehicles and Motor Sports](#) who emphasized that GM is not racing unless biofuels are used; and with [Mike Lynch](#), NASCAR's [Managing Director of Green Innovation](#). The conversation with Dr. Lynch covered just about everything, from why NASCAR made this change to how they will deal with biofuel controversies like international ILUC (Indirect Land Use

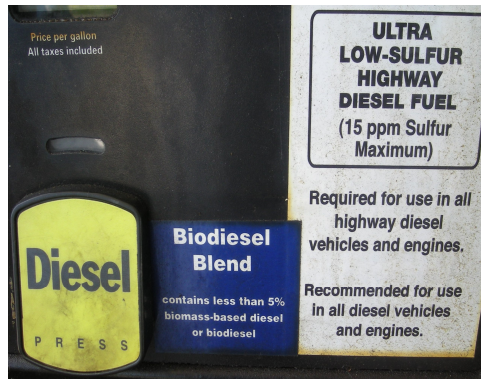
Change) and greenhouse gas (GHG) emissions calculations, with talks about farm co-ops in the Midwest and recycling on race day in between. See [Part 1](#) and [Part 2](#) of this interview. Check out Joanne's explanation of the [new Sunoco Green E15 fuel system--from seed to wheel](#). NASCAR required the most advanced production of corn

ethanol for this series. It was clear to us that if homegrown cellulosic ethanol was commercially available, we would probably see it in the NASCAR, Nationwide and Camp World Truck series.

The **American Le Mans Series Winter Test at Sebring** was a bit of a disappointment. There was a buzz that new E85 engines would come to be tested. That was not to be. No new engines; no new biofuels. Although [Butamax](#) is in the news a lot lately, the Dyson Racing Team seemed to have the fuel for racing, but no corporate sponsorship related to their work with their isobutanol. The BP side of the equation seems to be keeping a low profile these days, even when they might promote some positive advances in sustainable biofuels research.

**Bob Kozak** did get to drive the Sebring track as part of a group demonstration of a new smartphone app that helps people become more efficient drivers. [Go Green Auto Rally](#) is teaming up with ALMS to promote the app and related services as a prelude to many ALMS races through the year.

Go to category [Green Racing](#) for the rest of our coverage.



## Projects Underway Volunteers and Our

### Activities:

We have a lot of writing projects to report on this month.

**Jesse Jin Yoon** brought his engineering expertise to a paper, [\*What's the Difference between Biodiesel and Renewable \("Green"\) Diesel?\*](#).

As Jesse explains, "Although both fuels can be derived from biomass, they are two distinctly different fuels. The purpose of this paper is to define both fuels and provide a general comparison between the two fuels." Many people don't realize all diesel is not the same. Jesse breaks down the complexities into easily digestible segments that should be useful to teachers, students and all who need to make decisions about what to put in their vehicle fuel tanks.

**Bill Brandon** joined participants from across the United States, Canada, the Caribbean and internationally from India, the Middle East, Western Europe and Australia at the Municipal Solid Waste to Biofuels Summit in Chicago this February. He contributed a comprehensive [overview of the proceedings](#). Bill will be doing more writing for the web site helping to make complex technical issues comprehensible to the general public. You may also see Bill's name as a commenter to articles about biofuels, advanced biofuels and engine development; bringing a knowledgeable perspective to sometimes emotional dialogs.

**Bob Kozak** has been busy. In addition to his green racing articles, he prepared a slide presentation for career tech/automotive classes that is also appropriate for any individual or group that wants to better understand how engine efficiency and advanced biofuel development go hand-in-hand. While in Florida, we accepted William Rosenblum's invitation to speak to three of his classes about the latest developments in advanced biofuels and related engine efficiency. [Advanced Biofuels: Meeting Challenges in Fuel Supplies and Energy Efficiency](#), was the result. Downloads are available on the [PowerPoint Presentations](#) page in the Biofuels Basics section of the web site.

It begins with a summary of challenges to getting advanced ethanol and drop-in biomass-based fuels into production and to the marketplace. The second part discusses the types of motors being designed and used that optimize the characteristics of ethanol in order to achieve similar optimized mileage, regardless of ethanol/gasoline blends used.

Advanced Biofuels USA welcomes **Elwyn Jones** as a volunteer who will be working on developing supportive relationships with automotive and aviation sectors, areas of his professional expertise.

**Education:** Keep an eye on our web site category "[Education](#)" and its subcategories such as "[Education: For Teachers.](#)" We'll share information about educational materials and projects as we hear about them. If you have developed teaching materials or projects about biofuels and advanced biofuels that you are willing to share, please contact us at [info@advancedbiofuelsusa.org](mailto:info@advancedbiofuelsusa.org).

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## Upcoming Advanced Biofuels Conferences and Activities: Some Details

**LOOK FOR SPECIAL OFFERS AND NO-COST-TO-YOU DONATIONS TO ADVANCED BIOFUELS USA--FREE WITH YOUR REGISTRATION**

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### **BioPro Expo March 14-16 Atlanta, GA**

Sources of renewable energy are everywhere — from the forest and farm to food processing residue and the urban landscape. Still, many industries with access to valuable feedstocks have questions on how to best utilize them as an energy or fuel source.

BioPro Expo™ is a unique new cross-industry event that explores existing and emerging ways for transitioning a variety of biomass feedstocks into energy and biofuel. At BioPro Expo, suppliers of agricultural, municipal and wood wastes, as well as producers of dedicated energy crops and food processing facilities, will find the practical answers they need for capitalizing on biomass resources.

Using in-depth case studies and technical sessions from experts in multiple industries, along with a comprehensive tradeshow and hands-on technology interaction, BioPro Expo gives attendees the latest information for rapidly deploying bioenergy technology. By bringing together diverse communities ranging from forest, farm, and biorefinery operations to power companies and technology suppliers, BioPro Expo offers the most powerful professional networking experience in the bioenergy arena. Additional input from governmental agencies will supplement this experience with perspective on the rapidly changing regulatory and funding environment impacting renewable energy efforts. [READ MORE](#)



GREEN WORLD CONFERENCES

## **BioWise 2011 Summit And Exhibition - 14-16 March 2011;**

**Kuala Lumpur** BioWise 2011 Summit And Exhibition – the largest Asia/Pacific gathering of C-level executives from the sustainable fuel and biotechnology industry will commence on 14th March 2011 in The Crowne Plaza Mutiara hotel in Kuala Lumpur, Malaysia. Over 70 internationally acclaimed speakers will present at the Summit, covering the most burning issues the industry is currently facing.

A vital part of the BioWise 2011 will also be a site visit to the ACGT Sdn Bhd (formerly Asiatic Centre For Genome Technology) on the 16th March 2011 coupled with a presentation from the Centre's Chief Science Officer Dr Cheah Suan Choo. The Centre's goal is to develop and commercialise genomics-based solutions that have the potential to increase crop productivity and value. This is accomplished through R&D activities in genome sequencing and biomarker discovery. Innovations arising from these R&D activities will create novel high yielding planting materials.

Introducing Workouts Interactive Sessions and Engagements (WISE): 27 technology and solution providers will exhibit their cutting-edge technologies and services at an open-for-all exhibition which will take place in the room adjacent to the Summit. A series of free public presentations will be organized as a programme of workouts, interactive sessions and engagement. [READ MORE](#)



## **Biobased Chem Asia April 14-15, 2011 Shanghai, China**

*\*Next Generation Biobased Building Blocks\**

BiobasedChemAsia brings forth the complexities of managing new biobased chemical value chains, and addresses future challenges for Asian companies as they embark on a new path.

Meet prominent industry players from :

**Dow - DSM - Braskem - PTT Chemicals - Solvay Chemicals - Roquette - Genencor - Segetis - Myriant Technologies - Avantium - LMC Intl - Tsing Hua University - McKinsey & Co - Lux Research - Pöyry - Circa Group - Novozymes - Purac - Cathay Industrial Biotech - Henkel - AkzoNobel** as they discuss:

- **Biobased Building Blocks:** *Ethanol, Furans, Glycerol, Lactic Acid, Succinic Acid, 3-Hydroxypropionic Acid, Levulinic Acid*
  - **Supply Sources of Renewable Feedstock in Asia**
  - **Brand Owners' Roundtable**
    - **New Developments in Conversion Technologies**
    - **Status & Development of Biobased Chemical Projects in Asia**

- Perspectives of Chemical Manufacturers on the Bio Value Chain
- Critical Success Factors and Challenges to Commercializing Biobased Chemical
- Rise of Renewable and its Impact on the Chemical Industry in Asia

Please contact Sheryl at +65 6346 9140 or [sheryl@cmtsp.com.sg](mailto:sheryl@cmtsp.com.sg) for more information. [READ MORE](#)



## Advanced Biofuels Leadership Conference April 19-21 Washington, DC

Sponsored by Biofuels Digest

**2011 – the year of decisions.** Who to partner with – for finance, technology, end-user markets, feedstock. Who's in my value-chain, who's out? Who's leading in the race for commercial-scale advanced biofuels and chemicals — who's very much in the hunt — who's a comer — and who's out.

The speakers at the **Advanced Biofuels Leadership Conference** are the top advanced biofuels CEOs, plus leadership from USDA, DOE, and EPA, financial markets and key end-users. *At ABLC, networks are formed, relationships are developed, decisions are made.*

**The Advanced Biofuels Leadership Conference** brings together the leaders guiding the development of advanced biofuels — including cellulosic ethanol, renewable diesel, renewable gasoline, renewable jet fuel, biobutanol, as well as emerging feedstocks including algae, jatropha, camelina and more.

The conference focuses on the key drivers for biofuels commercialization – processing technologies, finance, policy, and feedstocks — from those in a unique position to know. Those in a position to make a difference. Those who make decisions. [READ MORE](#)

BIT's 1<sup>st</sup> Annual World

# World Congress of Bioenergy

Theme: Developing Bio-renewable Energy from Nature

Time: April 25-29, 2011 Venue: World Expo Center, Dalian, China

## World Congress of Bioenergy April 25-29 Dalian, China

Subscribers to Advanced Biofuels USA Receive a 5% Discount Off Registration PLUS Advanced Biofuels USA will receive 5% of registrations received from Advanced Biofuels USA Subscribers. So remember to **use CODE BIT001001 when you register** for this conference. Thanks to the World Congress of Bioenergy for their support of Advanced Biofuels USA!

WCBE-2011 aims to bring together industry leaders, professors, policy makers, investors, and researchers and provide a unique insight into evolving governmental policies, breakthrough technologies, major project updates and

investment strategies for this multi-billion dollar sector. The event will draw specific attention to the use of renewable sources of energy and to cooperation between China and beyond through exhibitions, match making and expert sessions for specialists as well as seminars.

8 Selected Tracks consisting of 55 sessions on Advances in Modern Bioenergy, 250-300 Oral Presentations from Authority, Governmental Decision Makers, Distinguished Scientists, Engineers, Industrial Executives and Investors, 50+ Exhibitors from leading biofuel industries and Entrepreneurs and Research Institutes, 100 Posters from both Industry and Academy, which ensures our WCBE-2011 to be the most lively and influential one. [READ MORE](#)



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### **19th European Biomass Conference and Exhibition June 6-10 Berlin, Germany**

From Industry to Research and Markets

The Technical Programme is coordinated by the European Commission, DG Joint Research Centre.

For over 30 years now, the European Biomass Conference and Exhibition (European BC&E) has combined a very renowned international Scientific Conference with an Industry Exhibition. Since 2007 the Conference and Exhibition takes place every year. The European BC&E is held at different venues throughout Europe and ranks on top of the world's leading events in the Biomass sector.

This event is supported by European and international organisations such as the European Commission, UNESCO – United Nations Educational, Scientific and Cultural Organization, Natural Sciences Sector, WCRE – the World Council for Renewable Energy, EUBIA – the European Biomass Industry Association.

The 19th European Biomass Conference and Exhibition is realized in Germany by WIP-Renewable Energies with the international support of ETA-Florence Renewable Energies and the scientific support of the European Commission, DG Joint Research Centre. [READ MORE](#)



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### **European Biodiesel June 15-16 Rotterdam, The Netherlands**

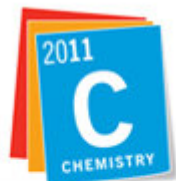
Now in its 4<sup>th</sup> year, European Biodiesel has established itself as Europe's premier event dedicated entirely to the biodiesel industry and European Biodiesel 2011 will be taking place on 15-16 June in Rotterdam, The Netherlands, including a site visit to the Neste Oil Rotterdam NExBTL plant.

European Biodiesel 2011 will offer a greater insight into the future of biodiesel in the fuel mix with expert input from both the refining and automotive industry, encourage discussions between industry, government and NGOs on the crucial topic of sustainability and for the first time provide a detailed insight into the key challenges and opportunities



related to biodiesel trading.

As part of European Biodiesel 2011 up to 30 conference attendees will receive the opportunity to attend a site visit during the afternoon of Tuesday 14<sup>th</sup> June to the Neste Oil Rotterdam NExBTL plant. [READ MORE](#)



## International Year of **CHEMISTRY** 2011

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### **5th International Conference on Green and Sustainable Chemistry June 21-23 Washington, DC AND 15th Annual Green Chemistry and Engineering Conference**

From fundamental research to practical applications and commercialization—you will find it here at the premier meeting place for green chemistry and engineering.

One location, three days, more than twenty technical sessions are and *a full day of programming devoted to students.*

The world's brightest scientific researchers, government and industry leaders will come together to catalyze green chemistry as the solution to global challenges.

#### **Who should attend**

Chemists, engineers, researchers, policy analysts, manager/directors, venture capitalists, chemistry and engineering students, and individuals involved and interested in aspects of green chemistry and green engineering. Join more than 600 chemical science and engineering professionals and students from around the world to discuss "Global Challenges, Green Chemistry Solutions" at this official IYC event. [READ MORE](#)



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### **Innovation and Sustainability Conference & Expo 2011 Africa August 24-27, 2011 Kuala Lumpur, Malaysia**

The Innovation and Sustainability Conference & Expo 2011 Africa, will bring together 300+ key leading global innovators, sustainability experts, and scientists from Renewable energy companies, Governments, Private sector, Industry, Consultants, Non-profit, Financing agencies, Research & Development, Oil and Gas, and Academia to discuss, showcase, network

and identify leading green businesses, technologies, projects, development partners and opportunities from Africa and around the globe. The conference will run alongside an expo featuring an international market place of green initiatives, latest technologies, manufacturers and consumers. The event will conclude with a "Pilot Awards Ceremony" where high profile prizes in innovation and sustainability will be awarded to distinguished personalities, projects and organizations for their achievements in global innovation and sustainability. Call for Sponsors, Partners, Exhibitors, Speakers, participants and Pilot Awards Nominations, [READ MORE](#)

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**RETECH Renewable Energy Technology Conference and Exhibition September 20-22, 2011 Washington, DC**

RETECH 2011 continues the tradition of assembling all of the renewable energy technologies, industries and applications in one place; providing government officials, executives, engineers, financiers, and other professionals a one-stop annual update on renewable energy.

RETECH's Business Conference is well-known for delivering unparalleled educational content from more than 250 industry-leading speakers, covering all of the industry's key technologies: wind, solar, hydro, ocean, geothermal,

biomass, biofuels, waste energy and cross-cutting sections on markets, industry, finance and policy. RETECH's large-scale Trade Show Exhibition features hundreds of companies and organizations demonstrating the industry's newest technologies, products and services. [READ MORE](#)



**Biofuels International Canada Expo & Conference October 3-4, 2011 Calgary, Alberta, Canada**

The Biofuels International Canada Expo & Conference has been held in Calgary for the previous two years. The 2010 event was held in central Calgary and due to the success and popularity of the event the show attracted over 300 attendees. With a growing circulation of Biofuels International and the surrounding international businesses specialising in Biofuel production the event has moved to a larger venue - the Calgary Telus Convention Centre, Downtown Calgary.

The two day event features an exhibition with international companies showcasing themselves and innovative ideas. The conference includes a full programme of current topics performed by key industrial figures. The event enables business to business networking in a friendly and accessible location. [READ MORE](#)



**Bioenergy International Asia Expo & Conference December 7-8, 2011 Kuala Lumpur, Malaysia**

The Bioenergy International Asia Expo & Conference has been held in Kuala Lumpur for the previous two years. The 2010 sell out event proved successful and popular and attracted over 300 attendees. With a growing circulation of Biofuels International and the surrounding international businesses specialising in Biofuel production the event has moved to a larger venue - the Kuala Lumpur Convention Centre, Kuala Lumpur.

The two day event features an exhibition with international companies showcasing themselves and innovative ideas. The conference includes a full programme of current topics performed by key industrial figures. The event enables business to business networking in a friendly and accessible location.



## You Can Help, too!

Currently, we are all volunteers. We live all over the US and come from various corners of the world. **Please join us in whatever way YOU can.** See the [Job Openings pages](#) on our web site or just give us a call (301-644-1395) or send an email: [info@AdvancedBiofuelsUSA.org](mailto:info@AdvancedBiofuelsUSA.org). We can put together a way for your talents to help us achieve our mutual goals.

**We also need funds! Trying to figure out the perfect "green" gift?** Give "green" to us in honor or memory of others who care about preserving this Earth by donating to Advanced Biofuels USA for year-round "green" action. [DONATE](#) now! We'll send a special card acknowledging your gift.

You are welcome to host a fundraiser for us, too. Let us know!

If you have any questions or suggestions—or want to contribute to our success in any way, don't hesitate to call 301-644-1395 or write to [jivancic@advancedbiofuelsUSA.org](mailto:jivancic@advancedbiofuelsUSA.org)

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