



Coming Advanced Biofuels Events (details at

www.AdvancedBiofuelsUSA.org)

• September

- [The Promise and Challenge of Algae as a Renewable Source of Biofuels September 8, 2010 Webinar 2:00 EDT](#)
- [Alternative Fuels Educational Workshop September 9 Denver, CO](#)
- [Shaping Texas' Fuel Ethanol Policy September 10 Austin, TX](#)
- [Energy at the Intersection of Business and Policy September 11 Washington, DC](#)
- [Agricultural Biotechnology International Conference: Bridging Biology and Business September 12-15 Saskatoon, Saskatchewan Canada](#)
- [FAME 2010 GreenWorld Conference September 14-15 Berlin, Germany](#)
- [Bio-Based Chemicals East September 13-15 Boston, MA](#) (See below for special discount for Advanced Biofuels USA subscribers)
- [Biodiesel Policies and Mandates: What's Really Involved? September 16 Free Webinar](#)
- [Biofuels Meeting: Feedstocks for Florida Biofuels September 17 Gainesville, FL](#)
- [Aviation an Environment Summit 2010 September 16-17 Geneva, Switzerland](#)
- [Symposium on Thermal and Catalytic Sciences for Biofuels and Biobased Products Sept. 21-23 Ames, IA](#)
- [National Algae Association September 23-24 Houston, TX](#)
- [International Bioenergy Days September 26-29 Rockford, IL](#)
- [Algae 101 September 27 Phoenix, AZ](#)
- [The Future of Biodiesel in Europe September 27-28 Brussels, Belgium](#)
- [Aviation Fuel Asia Conference September 27-28 Singapore](#)
- [Biomass Pellets Trade Asia September 27-28 Jakarta, Indonesia](#)
- [16th Directions in Engine-Efficiency and Emissions Research \(DEER\) September 27-30 Detroit, MI](#)
- [Tank Storage/Biofuels International Canada Conference September 28-29 Calgary, Alberta \(READ MORE\)](#)
- [Advanced Biofuels Scale-Up Summit Worldwide September 28-29 London, UK](#)
- [4th Annual Algae Biomass Summit September 28-30 Phoenix, AZ](#)
- [BioEnergy Markets Turkey September 30-October 1 Istanbul, Turkey](#)

- **October**

- [Platts Next-Generation Biofuels October 4-5 Chicago, IL](#) (see below for special discount for Advanced Biofuels USA subscribers)

- [BTL & Bio-Based Chemicals October 6-7 Rotterdam, Netherlands](#)
- [Energy from Waste 2010 \(Waste to Energy\) October 6-7 London, UK](#)
- [Jatropha World 2010 October 6-10 Rotterdam, Netherlands](#)
- [Biomass to Fuels Summit October 12-13 Portland, OR](#)
- [Biomass Finance & Investment Summit 2010 October 13-15 Washington, DC](#)
- [Biomass South 2010: A New Horizon October 14-15 Memphis, TN](#)
- [RFS2 & RINs Forum October 14-15 Chicago, IL](#)
- [Renewable Energy From Organics Recycling October 18-20 Des Moines, IA](#)
- [Clean Diesel 10 – National Clean Diesel Campaign Conference October 19-20 Washington, DC](#)
- [3rd Algae World Asia October 19-20 Singapore](#)

- **November**

- [Southeast Biomass Conference and Expo November 2-4 Atlanta, GA](#)
- [Advanced Biofuels Markets November 9-10 San Francisco, CA](#) (See below for special discount for Advanced Biofuels USA subscribers)

- [Tank Storage/Biofuels International Asia November 10-11 Kuala Lumpur, Malaysia](#)
- [Biomass Derived Pentoses November 14-16 Reims, France](#)
- [Biogas UK November 23-24 London, UK](#) (See below for special discount offer for Advanced Biofuels USA subscribers)

- **December**

- [Lignofuels 2010 December 1-2 Madrid, Spain](#)
- [Pacific Rim Summit on Industrial Biotechnology and Bioenergy December 11-14 Honolulu, HI](#)

- **March**

- [World Biofuels Markets March 22-24 Rotterdam, Netherlands](#)

- **April**

- [World Conference of Bioenergy April 25-29 Dalian, China](#) (See below for special discount offer for Advanced Biofuels USA subscribers)

Get more information on our home page: www.AdvancedBiofuelsUSA.org.

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



Helping Congress Better Understand Advanced Biofuels

In August and October of an election year, voters are likely to see more of their national representatives in their home states. If you would like to help your members of Congress, your Senators and your local public officials better understand advanced biofuels, we can help. Just drop us an email (info@advancedbiofuelsusa.org) or give us a call (301-644-1395) and we will send you copies of "Advanced Biofuels: Your Guide to Sustainable Energy Sources." This publication, written by Advanced Biofuels USA and originally included as a supplement to The Washington Post, provides basic information about advanced biofuels' technologies and feedstocks with special sections on algae, bio-jetfuels and practical requirements for successful commercialization. You can read an extended version of the publication in our [Biofuels Basics](#) section.

Do your part to help your elected officials and election candidates better understand the world of advanced biofuels.

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

Green Racing: Mid-Ohio American Le Mans Series: A Great Weekend for



Biofuels

Green Racing fans have been waiting for a weekend like this – a big-time race where biofuel powered cars just dominated. We're big supporters of the American Le Mans sports car series (ALMS) for its leadership in promoting the combination of performance and "Green" energy.

In conjunction with the US EPA and Dept. of Energy, ALMS started the [Green Racing Challenge](#) in 2008, now the MICHELIN® GREEN X® Challenge. While biofuel powered cars have been winners of the Green Challenge, never before had they been victorious in *both* prototype and production car classes at the same time.

On Saturday, August 7th a bio-isobutanol fueled Mazda Lola prototype and an E-85 powered Ferrari F340 did just that.

And, to complete the hat-trick, the Drayson Lola Judd, running on logen cellulosic ethanol won the pole position with a qualifying run of 116.07 mph. This was so overwhelming it was nearly 1.5 mph faster than the 2nd place time of 114.54 mph.

Joanne Ivancic and Bob Kozak were there to cover these green racing achievements. [Click here](#) to read their reports. The next big green racing activities will be at Road Atlanta for the Petit Le Mans race. Organizers plan a special "Green Living" fan area, anchored by the US DOE and EPA Green Racing tent. Perhaps we'll see you there.

Network, Share, Collaborate: Teachers, We Want You!



As Advanced Biofuels USA's educational initiatives evolve, we are considering bringing together educators who are working on curriculum-based educational materials. As one teacher working on integrating advanced biofuels concepts into an environmental sciences curriculum said, "It can be so lonely working on this." From the lack of materials on the subject we have located, feeling alone makes a lot of sense. Yet, we believe that many teachers are including advanced biofuels information and lessons in their work. We are looking for sponsors of a workshop-based conference. We would give you the opportunity to describe your work, tell us what you need to take it to the next level, and make suggestions about how a national or international organization might benefit you.

If you or someone you know is working on such materials--or wants to--or if you are interested in participating in such a workshop-based conference, please provide us with contact information.

We are also considering gathering a group of experts in specific technical areas who would review materials for accuracy. Would this be useful to you? Email us at info@advancedbiofuelsUSA and put Educational Network in the subject line.



Projects Underway

Education: Keep an eye on our web site category "Education" and its subcategories such as "Education: Teacher Resources." We'll share information about educational materials and projects as we hear about them. If you have developed materials about biofuels and advanced biofuels that you are willing to share, please contact us at

info@advancedbiofuelsusa.org.

Upcoming Advanced Biofuels Conferences and Activities: Some Details



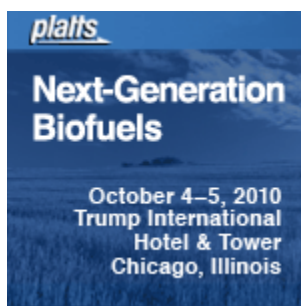
World Congress of Bioenergy April 25-29 Dalian, China

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](#)



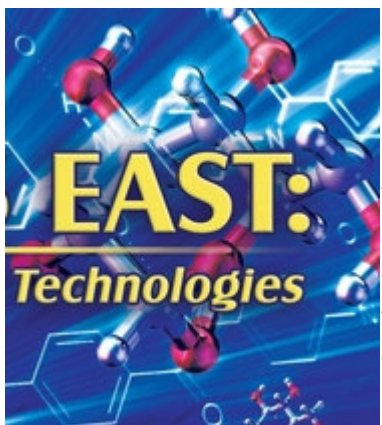
Platts Next-Generation Biofuels October 4-5, 2010 Chicago, IL

Drop-in Fuels and Cellulosic Biofuels Meeting the Demand of RFS II

Platts *Next-Generation Biofuels* conference brings together the leaders in the industry to evaluate the potential for biofuels, both ethanol and drop-in fuels. This event is the fifth in a series of successful annual Platts conferences, including *Cellulosic Ethanol* and *2nd Generation Biofuels*.

Subscribers of Advanced Biofuels USA are eligible for promotional discount rate of \$1095. Please call

to register at that rate 1-800-355-2930 and use code PC037AB [READ MORE](#)



Biobased Chemicals East September 13-15 Boston, MA

Infocast's sold-out Bio-Based Chemicals Summit in San Diego was the first meeting to seriously discuss the critical business issues in this new industry and to facilitate the connections between the key players who will create the value chain necessary to make it a reality. This sequel will fill in the details and deepen the networking opportunities, providing all the detailed knowledge you need to understand where this dynamic new space is heading and how you can profitably implement your business plans. THREE separate events will drill down into:

1. Demand from consumer-facing companies for bio-based materials
2. New fundamental science and tool innovation
3. A definitive, state-of-the-art survey of the economics and technical maturity of the leading biomass-to-chemicals conversion platforms, presented by technology leaders and business development officers. This THREE-meeting-in-one event is the ONLY place you will find comprehensive updates of these three key components, including global chemical, agribusiness and consumer-facing end users, as well as world class technologists and scientists. For anyone who wants to understand and play in this developing eco-system, Bio-Based Chemicals East is the ultimate venue.

Advanced Biofuels USA readers can obtain a 25% discount by visiting www.infocastinc.com/biobasedeast and entering the code 104508 in the discount code section. [READ MORE](#)



Biofuels International Canada Expo and Conference September 28-29 Calgary, Canada

When it comes to biofuels markets, Canada and the US could not be more different. The US market grew quickly and as a result created an environment of overcapacity where some producers struggled to survive.

In contrast the market in Canada is fairly nascent, yet it enjoys exceptionally high public and government support. This gives Canada the perfect opportunity to learn from the US and ensure the industry grows into a thriving and successful industry.

Pacific Ethanol is an example of one US producer which suffered from unfavourable market conditions last year and was forced to file for bankruptcy. However the facility quickly resumed operations and has just released its Q2 financial results stating that net sales grew 9% and total gallons sold grew 88% compared to Q2 last year.

This is the sort of success story producers in Canada need to learn from in order to survive in today's tough market conditions.

Paul Koehler, Vice President of Corporate Development at Pacific Ethanol will speak at the upcoming two day Bioenergy International Canada expo & conference on 28-29th September in Calgary, Alberta, and give other producers an insight into how the company turned things around.

He is just one of the many speakers at this event, which is organized by market leading magazine Biofuels International. The event brings together producers, regulators and investors to discuss how best to meet these goals and support the market's continued development and conference topics include a clear explanation of the Federal Renewable Fuels Regulations, influences from the US regulatory environment, A case study of how ethanol can be produced from cellulosic ethanol, information on future feedstock options such as algae, how facilities can secure the necessary finance and investment to grow and develop, the importance of plant design, how to ensure final fuel quality, and how to integrate biofuels into the supply chain. [READ MORE](#)



9th International Biogas Conference November 23-24 London, UK

The 9th International Biogas networking conference from Green Power Conferences aims to help biogas developers, farmers, investors and operators obtain hands-on knowledge to ensure not only a successful project but also profitable revenue. Learn best practice case studies from government representatives, biogas producers, utilities and biogas users to gain a clear understanding of:

- current policy framework
- investment criteria
- project start up requirements
- plant optimization
- upgrading biogas for injection into gas grids.

The new UK Coalition Government's plan for a low carbon economy provides significant opportunities for the biogas sector. Biogas UK will focus on practical information about biogas development and operations including sessions on regulation, investment and technical project development skills.

Speakers include:

Scottish Renewables ** Welsh Assembly Government ** NNFC ** WRAP ** Environment Agency ** Organic Power ** Biogen Greenfinch ** Country Land Business Association CLA ** Viridor Waste Management ** Agrivert ** International Biogas and Bioenergy Centre of Competence ** CEERES

For more information or to register your place visit

<http://www.greenpowerconferences.com/link/BS1011UK.html?link=ADBIOUSA>

For your 10% discount courtesy of Advanced Biofuels USA, please quote ADBIOUSA when registering.



Advanced Biofuels Markets November 9-10 San Francisco, CA

The Obama Administration has projected that the US alone will need to construct 500 advanced bioenergy plants between 2011 and 2022 to comply with the Renewable Fuel Standard, reaffirming its commitment to leading that effort to a successful conclusion.

How to deliver the first billion gallons to the market?

The Advanced Biofuels Markets conference presents leading experts who are bringing advanced biofuels to market, including Advanced Biofuels Company Executives, Venture Capitalists and Investment Bankers, Corporate Strategic Investment and Alliance Executives, EPC firms and industry suppliers. For more information [click here](#).

Hear from leaders of the following Advanced Biofuels companies:

** Ceres ** SG Biofuels ** LS9 ** Zechem ** AE Biofuels ** Qteros ** SynGest ** Rentech ** PetroAlgae ** Biotechnology Industry Organization's Industrial Biotech Council ** Joule Biotechnologies ** Sun Drop Fuels ** Segetis ** Cobalt Biofuels ** Solazyme

For your 10% discount courtesy of Advanced Biofuels USA, please quote ADBIOUSA when registering. [READ MORE](#)



3rd Algae World Asia October 19-20 Singapore

CMT's Algae World conferences focus on the entire algae production chain and the commercial viability of its multiple co-products. Topics are carefully selected to cover the Biology, Engineering, Marketing and Financial aspects of algae commercialization. Successfully held in Singapore, Rotterdam, Bangkok and Brussels since 2008, Algae World is recognized as an important platform for productive exchanges among the Academic, Commercial and Investment communities.

3rd Algae World Asia returns to Singapore with focus on prospects in Asia Pacific, as well as addressing technological achievements worldwide.

Key Sessions:

- Breakthroughs and Advancements in Algae Production Systems
 - Technologies to Improve Algae Productivity and Algae Processing Efficiency
 - Developments in High Value Co-Products
 - Using Algae for Carbon Capture & Waste Water Treatment
 - Commercialization Strategies and Progress Report of Algae Biofuel [READ MORE](#)
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Biomass Pellets Trade Asia Conference 27-29 September in Jakarta

The delegates comprise of Biomass/Pellets Producers/Traders, Researchers/Consultants/Regulators, Personnel from Equipment Companies, Agriculture/Forestry/Plantation Companies and many more, are from Japan, Indonesia, Singapore, Belgium, Netherlands, and at least 13 other countries

across Asia and Europe.

The **Jakarta** meet will be officiated with an opening address by Mr. Zulkifli Hasan, Minister of Forestry, Indonesia, followed by sessions by celebrated speakers from Povry Management Consulting (Singapore) Pte. Ltd., EBES Ag, SGS Group Management Ltd, Port of Rotterdam and Andritz Sprout etc.

Aimed to provide in-depth clarifications on the supply and investment potential of Asia's wood pellets and agricultural residues (biomass), the conference will address issues such as Sustainable Investment Opportunities in Indonesia's Forestry & Downstream Industry, Global Pellet Markets & Growth of Biomass Co-Firing, Emergence of Agro-Biomass for Export Purpose, Sustainability Criteria for Biomass Trade, Importance of Organized Logistic Chain, Key considerations in setting up Integrated Forestry to Pellets Production Facility, Obstacles in Maximising Asia's Biomass resources to name a few.

There will also be a session by one of our knowledge partners, Ebes AG, on 'A Waste to become a new commodity: Dawn of Palm Kernel Shells (PKS) for Power Generation'.

The **27-29 September, 2010** forum includes a first and not-to-be-missed post conference workshop on **Torrefaction Technologies and Economics**, conducted by an expert panel providing wide perspective from commercial, technology and end-user (power generation). Facilitated by Michael Wild, CEO, Ebes AG, speakers contributing at the workshop include representatives from Komodo Resources, OFI, International Torrefaction Association (in establishment) and University of Utrecht.

The final highlight of **Biomass Pellets Trade Asia** is a **guided visit to an industrial wood pellets (EU**

export specification) and agro biomass production facility where participants can get to understand the full chain of works in harvesting agro biomass for export to Europe, the developments in pre-treatment technologies and transportation as well as to interact with operational and management personnel of the facility. [READ MORE](#)



World Algae Congress December 6-8 San Francisco, CA

World Algae Congress USA will be the most important and biggest meeting place for all stakeholders involved in investment and commercialization of algae biofuel across North America and the world. The *World Algae Congress* is the ONLY investment-focused algae forum where investors, algae end-users, regulators, and algae producers come together to identify investment opportunities, obtain capital, and form strategic **business partnerships**.

Gain competitive market intelligence

Learn what algae producers are doing now to foster industry growth

Meet the pioneers who are profiting from algae investment

Uncover top investment strategies & learn how to maximize your ROI

Capitalize on US and global partnership trends

Implement strategic collaborative approaches and perform a thorough due diligence

Approximately \$2 billion has already been spent by government and private sector in the past 18 months on algae development. The US Department of Energy is investing up to \$68 million and ExxonMobil is expected to spend more than \$600 million on algae development. **What do others know that you don't?** [READ](#)

[MORE](#)

Calculate today's price at <https://secure.terrapinn.com/V5/rCalc.aspx?E=3761>



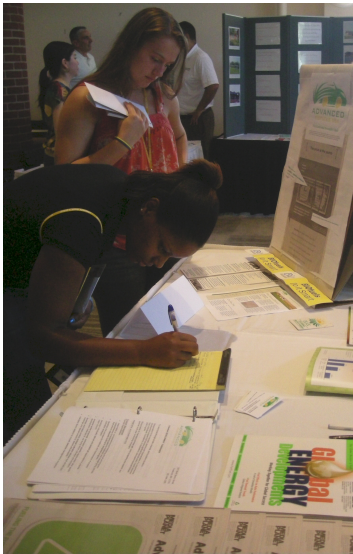
You Can Help, too!

Unfortunately, it is still all too common to hear "Oh, ethanol. That's bad for the environment. That uses too much enegy/water/space." You can help

by promoting our web site, www.AdvancedBiofuelsUSA.org and our "Biofuels Basics" section; and the multitude of articles posted on our site that shine a brighter light on those issues.

There is so much to do to achieve our mission to promote the understanding, development, use and acceptance of renewable, sustainable advanced biofuels. We believe it is crucial to our world successfully counteracting the negative effects of climate change, to assuring our national security; to getting the most out of our world successfully counteracting the negative effects of climate change; to getting the most out of our agricultural resources; and to provide for a safe and healthy future for the planet.

Currently, we are all volunteers. 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. We can put together a way for your talents to help us achieve our mutual goals. Deedra Mathis and Amy Hagerdon (shown left) explore volunteering opportunities with Advanced Biofuels USA at the Hood College Volunteer Fair.

We also need funds! Make your summer special by donating to Advanced Biofuels USA for year-round action. [DONATE](#) now!

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

You have received this newsletter because you indicated to us an interest in Advanced Biofuels USA. We hope you find it useful. If you want to stop receiving these occasional newsletters, just follow the instructions below.

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