



*Advanced Biofuels USA, a nonprofit educational organization, advocates for the adoption of advanced biofuels as an energy security, economic development, military flexibility and climate change solution.*



## Coming Advanced Biofuels Events

[Click on event for more information.](#)

[Scroll below news articles for details and special deals for Advanced Biofuels USA readers.](#)

- **2014**
- **January**
- [SAE High Octane Fuels Symposium: Where CAFE and RFS Meet January 21, 2014 Washington, DC](#)
- [Webinar: The QAP Final Rule Frontier January 23, 2014 2:00PM ET](#)
- [Webinar: Implementing Best Practices in Corn Stover Harvest & Collection January 23, 2014 3:00 PM ET](#)
- [Webinar: The Role of the Renewable Fuels Standard and Renewable Identification Numbers in Driving Biofuels Production and Technology Development January 24, 2014 2:00PM ET](#)
- [8th Annual Iowa Renewable Fuels Summit January 28, 2014 Altoona, IA](#)
- [2014 CAAFI General Meeting and Expo January 28-29 Washington, DC\\* Come visit our booth EXPO is FREE and open to public.](#)
- ["Farm-to-Fleet" Industry Day January 30, 2014 Washington, DC](#)
- **February**
- [Energy, Utility and Environment Conference February 3-5, 2014 Phoenix, AZ](#)
- [Global Forum for Innovations in Agriculture February 3-5, 2014 Abu Dhabi, UAE](#)

- [The Renewable Energy Academy Program's Farm Energy Day Crawford County Feature: Perennial Grass Energy February 5, 2014 Meadville, PA](#)
- [5th Annual Next Generation Bio-Based and Sustainable Chemicals Summit February 4-7, 2014 San Diego, CA](#)
- [Energy Forecast Paneuropean 2014 Outlook February 5-7 Brussels, Belgium](#)
- [Webinar: A Deep-Dive and How-To Seminar for QAP February 6, 2014 2:00PM ET](#)
- [5th Annual Next Generation Bio-Based Chemicals Summit February 6-7, 2013 San Diego, CA](#)
- [NEWBio Webinar – The Status and Potential Future of Biomass Harvesting Guidelines February 11, 2014 1:00 PM ET](#)
- [3rd Starch World 2014 February 17-18 Jakarta, Indonesia\\*](#)
- [National Ethanol Conference February 17-19, 2014 Orlando, FL](#)
- [National Public Agency Green Transportation Conference February 18-20, 2014 Portland, OR](#)
- [ACI's Carbon Dioxide Utilization Congress February 19-20, 2014 San Diego, CA\\* 15% off till the date of the event \(See below\)](#)
- [Roundtable on Sustainable Biomaterials Lead Auditor Training February 19-21, 2014 High Wycombe, Buckinghamshire, UK](#)
- [ARPA-E Energy Innovation Summit February 24-26, 2014 National Harbor, MD\\*](#)
- [F.O. Licht's Sugar and Ethanol Asia February 25-26, 2014 Bangkok, Thailand\\*](#)
- [Routine Measurement and Biochemical Analysis of Microalgal Cultures February 24-28, 2014 Mesa, AZ](#)
- [6th Sugar Asia February 27-28, 2014 Mumbai, India](#)
- [Growdiesel Summit 2014 February 28 Raigad, Maharashtra, India](#)
- [Algae Production Workshop San Francisco February 28, 2014 Richmond, CA](#)
  
- **March**
- [World Bio Markets 2014 March 4-6 The Netherlands\\*](#)
- [Third Bioenergy Fuels & Products Conference & Expo March 18-19, 2014 Atlanta, Georgia.](#)
- [Green Polymer Chemistry 2014 March 18-20 Cologne, Germany.\\* See below for discount information.](#)
- [International Network Palm Oil Expo March 19-20, 2014 Medan, North Sumatra, Indonesia](#)
- [Cassava World Africa March 20-21, 2014 Lusaka, Zambia\\*](#)
- [International Biomass Conference and Expo March 24-26, 2014 Orlando, FL\\* See below for discount information.](#)
- [National Renewable Energy Policy Forum March 26-27, 2014 Washington, DC\\*](#)
  
- **April**

- [Advanced Biofuels Leadership Conference April 21-23, 2014 National Harbor, MD](#)
  - [Bioenergy and Biomass Utilization Summit April 23-25, 2014 Shanghai, China\\*](#) See Below for discount information.
  - [36th Symposium on Biotechnology for Fuels and Chemicals April 28-May 1, 2014 Clearwater Beach, FL](#)
- 
- **May**
  - [European Algae Biomass Conference May 5-7, 2014 Seville, Spain\\*](#)
  - [Alternative Clean Transportation \(ACT\) Expo May 5-9, 2014 Long Beach, CA](#)
  - [BIO's World Congress on Industrial Biotechnology May 12-15, 2014 Philadelphia, PA](#)
  - [Elimu's Algae EMEA Summit 2014 May 20-21 Dubai, UAE](#)
  - [ILA Berlin Airshow 2014 May 20-25 Berlin, Germany](#)
  - [Renewable Technology Summit May 28-30, 2014 Lombard, IL](#)
- 
- **June**
  - [10th International Conference on Renewable Resources & Biorefineries June 4-6, 2014 Valladolid, Spain](#)
  - [International Fuel Ethanol Workshop & Expo June 9-12, 2014 Indianapolis, Indiana\\*](#) See below for discount information.
  - [4th International Conference on Algal Biomass, Biofuels and Bioproducts June 15-18, 2014 Santa Fe, New Mexico](#)
  - [Cleantech 2014 June 15-19 Washington, DC/National Harbor, MD](#)
  - [18th Annual Green Chemistry & Engineering Conference June 17-19, 2014 North Bethesda, Maryland](#)
  - [5th Congress of the International Society for Applied Phycology – ISAP 2014 June 22-27, 2014 Sydney, Australia](#)
  - [European Biomass Conference and Exhibition June 23-26, 2014 Hamburg, Germany\\*](#)
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- **September**
  - [TCS 2014: Symposium on Thermal and Catalytic Sciences for Biofuels and Biobased Products September 2-5, 2014 Denver, CO](#)
  - [Bioenergy from Forest Conference September 15-18, 2014 Helsinki, Finland](#)
  - [7th Biofuels International Conference September 24-25, 2014 Ghent, Belgium\\*](#)
- 
- **October**
  - [National Advanced Biofuels Conference & Expo October 13-15, 2014 Minneapolis, Minnesota\\*](#) See below for discount information
  - [Export Exchange 2014™ October 20-22, 2014 Seattle, WA](#)
  - [Lignobiotech III Symposium October 26-29, 2014 Concepcion, Chile](#)

- 2015
- January
- [2015 Ag Connect Expo and Summit January 27-29, 2015 Indianapolis, IN](#)
- **On-Going or Regularly Scheduled Events**
- [Extension Programs: NewBio Webinars 2nd Tuesdays](#)
- [Ethanol Safety Seminars Various Dates, Locations– Responding to Ethanol Emergencies – Are you Prepared?](#)

Get more information on our home page: [www.AdvancedBiofuelsUSA.org](http://www.AdvancedBiofuelsUSA.org) and in our [Coming Events](#) and [More Coming Events](#) lists.

See also [CALL FOR PAPERS](#), a list of invitations to submit abstracts for presentations and posters.

\* [Scroll down for more information.](#)

## Telling YOUR Story: Requests for Speakers/Papers/Posters/Presentations



**Deadline January 2014**

- [CALL FOR ABSTRACTS: 5th Congress of the International Society for Applied Phycology – ISAP 2014 June 22-27, 2014 Sydney, Australia DEADLINE: January 31, 2014](#)
- [CALL FOR PRESENTATIONS: Commercial Algae Cultivation, Harvesting, Extraction Technologies and Networking Workshop February 28, 2014 Richmond, CA DEADLINE: January 28](#)
- [CALL FOR ABSTRACTS/INNOVATIONS: Cleantech 2014 June 15-19 Washington, DC/National Harbor, MD DEADLINES: December 31, 2013 for abstracts; January 31, 2014 for innovations](#)

**Deadline February 2014**

- [CALL FOR ABSTRACTS: 4th International Conference on Algal Biomass, Biofuels and Bioproducts June 15-18, 2014 Santa Fe, New Mexico DEADLINE: February 14, 2014](#)
- [CALL FOR PAPERS: Bioenergy and Biomass Utilization Summit April 23-](#)

[25, 2014 Shanghai, China DEADLINE: February 28, 2014](#)

- [CALL FOR PRESENTATIONS: 18th Annual Green Chemistry & Engineering Conference \(GC&E\) June 17-19, 2014 North Bethesda, MD DEADLINE: February 28](#)

#### Deadline March 2014

- [CALL FOR PAPERS: Bioenergy from Forest Conference September 15-18, 2014 Helsinki, Finland DEADLINE March 3, 2014](#)
- [CALL FOR ABSTRACTS/POSTERS: TCS 2014: Symposium on Thermal and Catalytic Sciences for Biofuels and Biobased Products September 2-5, 2014 Denver, CO DEADLINE: March 15, 2014](#)

#### Deadline April 2014

- [CALL FOR SPEAKERS, POSTERS: BIO's World Congress on Industrial Biotechnology May 12-15, 2014 Philadelphia, PA DEADLINE: November 21, 2013 for Speakers; April 1, 2014 for Posters](#)

[READ MORE](#)

## Advanced Biofuels USA Organization News

### Advanced Biofuels USA Welcomes New Board Member, Dr. Barbara Vieira



At its sixth annual meeting, Advanced Biofuels USA elected and welcomed **Barbara Vieira, Ph.D.**, Assistant Director of the [Ohio Bioproducts Innovation Center](#) at Ohio State University to the board of directors.

Explaining the unique value Vieira brings to Advanced Biofuels USA, executive director, **Joanne Ivancic** noted, "As the dynamic of advanced biofuels development takes a path through development of bioproducts and biochemicals, Dr. Vieira's expertise and

contacts with that sector of the bioeconomy will enable us to better serve our multi-leveled audience. We are very excited to have Dr. Vieira join us."

Early in her career, Vieira held positions as an Assistant Professor and Visiting Professor, teaching courses in organic chemistry and biochemistry. Then she logged more than 20 years of experience in many facets of business, including new business development, new product development, project management, market research, quality assurance and training. Prior to joining OBIC, Vieira led market research at the New Product Development group at Chemical Abstracts Service (CAS)

In 2009, Vieira joined OBIC as a Portfolio Manager and now heads OBIC's cluster development program.

Reflecting on her interest in joining Advanced Biofuels USA's team, Vieira remarked, "I am a farm girl at heart and a chemist by training. So the allure that I could make a difference in both industries was a strong pull for me. The sticking power comes from the excitement and sense of purpose I feel regularly when working hand-in-hand with entrepreneurs, researchers – really the whole supply chain at some point – to take innovative ideas to biobased products consumers can buy."

Vieira fills the board position held by attorney **Robert Rhudy** who has served Advanced Biofuels USA since its beginning. Rhudy decided to step back to give more time to his mediation and law practice and other board obligations. He will continue to work on special projects.

In accepting Rhudy's decision, Ivancic noted, "Bob has encouraged us from the beginning, providing guidance as we created our nonprofit corporation. We are glad that he will continue to be available to us to tap into his expertise; so we need not say goodbye, only 'see you soon'." [READ MORE](#)

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

## Advanced Biofuels USA to Co-Host Biomass 2014 with US Department of Energy, Office of Bioenergy Technologies



Advanced Biofuels USA has signed a Memorandum of Understanding with the US Department of Energy, Office of Bioenergy Technologies to serve again as co-host of this year's conference. We will again manage the exhibit area in order to raise funds for breakfast and breaks. Conference registration fees will include lunch.

*Biomass 2014* will examine the dynamic playing fields of bioenergy and bioproducts in 2014, as exciting new technologies move forward within a shifting policy and economic landscape.



*Biomass 2014* intends to have a new emphasis on attendee interaction with federal agency staff, more focus on practical tips and insights on interacting with budget-conscious federal agencies. We hope to explore strategies to not only survive, but thrive in a more market-focused world while also implementing important energy efficiency and renewable energy federal policies and personal values.



Last year's conference had 500 registrants and featured keynotes from **Secretary of Energy, Dr. Ernest Moniz**; **Secretary of Agriculture, Tom Vilsack**;

**Senator Chuck Grassley (R-IA)**; **John Garamendi, U.S. House of Representatives (D-CA)**; **Margo Oge, formerly the Director of the Office of Transportation and Air Quality** and many other energy policy and development leaders.

Planned for July 28-29 at a premier downtown location close to the DC METRO subway system and newly connected to the Marriott Marquis Conference Center Hotel, Biomass 2014 promises to be one of our best biomass conferences yet.

Watch for confirmation and details, coming soon. If you are interested in exhibiting or sponsoring breakfast or a break, let us know: info @ AdvancedBiofuelsUSA.org or 301-644-1395.

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## Join us in Commenting on EPA's Proposal to Reduce Biofuel Blending! Comment Period Ends January 28



The Environmental Protection Agency's (EPA) proposal to reduce the biofuel blending requirements under the Renewable Fuel Standard (RFS) in 2014 represents a significant step back from the nation's previous path towards a more diversified energy future. If implemented as proposed, the proposal would deliver a fatal blow to the promise of a new generation of clean domestic biofuels. [READ MORE](#)

To many, it signals this administration's desire to [side with fossil fuel industry interests](#) against those of renewable transportation fuel advocates.

Advanced Biofuels USA has submitted comments. [READ MORE](#)

Submit your comments in support of domestically-produced biofuels by the January 28 deadline. Identify Docket ID No. EPA-HQ-OAR-2013-0479, and comment using one of the following methods:

\* Website: [www.regulations.gov](http://www.regulations.gov): Follow the on-line instructions for submitting comments.

\* Email: [a-and-r-docket@epa.gov](mailto:a-and-r-docket@epa.gov).

\* Mail: Air and Radiation Docket and Information Center

Environmental Protection Agency

Mailcode: 2822T

1200 Pennsylvania Ave. NW

Washington, DC 20460

[READ MORE](#)

Here are the [proposed regulations, along with instructions for submitting comments](#).

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Keep up with the latest developments on [federal legislation](#) related to advanced biofuels via our web site. [READ MORE](#)



## Original Writing: Brazil's Energy Self-Sufficiency



**Roberto Coelho's** dual citizenship encompasses two of the most innovative countries in the world of biofuels, Italy and Brazil. [Writing](#) for Advanced Biofuels USA from his home in Sao Paulo, Brazil, Coelho explores the complexities of that country's recent efforts to respond to growth in energy demand for power, heat and transportation with policy and industrial innovation. He notes that growth "can be significantly provided by electricity production from renewable sources and also by a huge increase in oil production" and also explores the role of biofuels.

"Self-sufficiency in oil in Brazil was reached in 2006; however, high consumption rates, population and economic growth, combined with political and operational factors, hampered the upward trend of production and Petrobras (the state owned oil company and the largest fuel producer in Brazil) was obliged to re-start importing oil in 2007."



How can a country that boasts of being energy self-sufficient as recently as 2006, now find itself importing both oil and ethanol? Coelho gives a solid whack at answering that question while also noting challenges such as high sulfur content of Brazilian petro-diesel. The fact that engines in Brazil are not optimized to take advantage of the mileage-increasing benefits of ethanol also comes into play.

...(G)asoline prices (type C – blended with anhydrous ethanol) (are) indirectly controlled by the government for political and economic reasons, such as impact on inflation rates and other indicators. Since ethanol prices in the pump station must be up to 70% of gasoline prices to accommodate the reduced mileage of ethanol compared to gasoline in currently available engines, control of gasoline prices means control of ethanol prices. So for ethanol producers it makes more

business sense to export ethanol instead of supplying the internal market.



Besides this price control, there is also a structural issue. Ethanol prices at the pump station include state taxes (ICMS), These taxes are higher or equal to gasoline taxes in most Brazilian states."

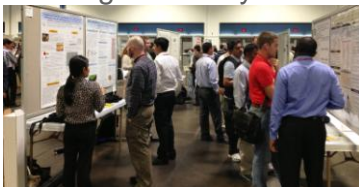
He concludes, "Brazil has large reserves and is a major oil producer, but investment only in oil production will not solve the issue of the country's energy self-sufficiency since the bottleneck is related to fuel consumption. Bottom line: society needs to discuss how to reward the environmental and social benefits of the available options, such as biofuels." [READ MORE](#)

*We look forward to continuing to share insights from Roberto Coelho and others volunteering for Advanced Biofuels USA around the world.*

## **Original Writing: Danilo Gusmao Reports from the American Society of Agronomy Annual Meeting**



The environmental benefits of the substitution of advanced biofuels for fossil fuels are much more comprehensive than the huge impact on the environment through the reduction of greenhouse gas emissions and consequential mitigation of global warming effects by the transportation sector according to recent scientific results presented at the 2013 American Society of Agronomy (ASA) Annual Meeting.



Danilo Gusmao, a research scholar in bioenergy at the University of Florida from the Agronomy faculty of Bahia State University in Brazil, provided a brief report and extensive interviews with Dr. Kurt Spokas of the University of Minnesota and Dr. Dennis Ojima of Colorado State University on these topics.

As Gusmao explains: *What we could see in this congress were affirmative and concrete scientific results showing direct and indirect benefits from biofuels production, beyond the economic enhancement that could be achieved when, among other things, marginal lands are incorporated into the biofuels-based-on-feedstocks system.*

*Better crop practices have been studied to reduce nutrient removal and to increase soil organic matter. The main environmental points to take into consideration are: water recharge and quality, biodiversity, nutrient cycling, greenhouse gas emissions, and carbon sequestration.*

*Biochar had great space in the congress and showed its highly relevant role in sustainable biofuel production systems. Its application can bring many benefits. Among them: water retention, carbon sequestration, and nutrient interactions.*

Gusmao's post also includes links to the relevant papers and presentations. [READ MORE](#)

## **On the Road: Conferences and Events**

**Chillin' at the Keystone Farm Show, York PA**



Thanks again to Lee Publications, Inc., the Keystone Farm Show organizers, for donating exhibit space to Advanced Biofuels USA at the York, PA “Farm Show for Farmers” January 7-9.

See our tweets (@AdvancedBiofuel) for some of the fun volunteer research associate **Bradley**

**Frieze and Joanne Ivancic** had climbing aboard monster farm equipment taking a break from the

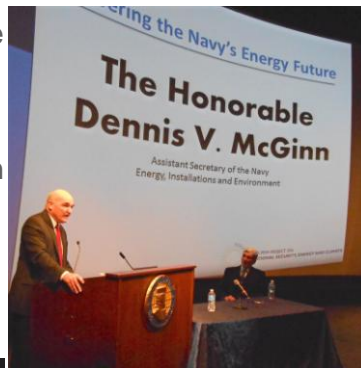
Advanced Biofuels USA exhibit, touring the many exhibit halls, networking and getting educated.



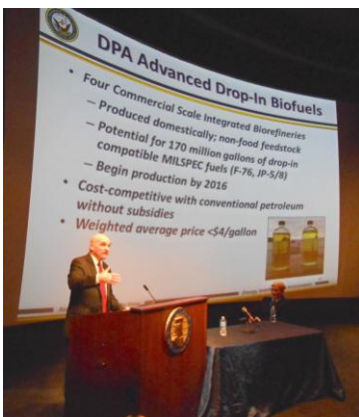
**Bob Kozak** also helped staff the information table, gathering as much information from visitors and we provided to them. [READ MORE](#)

## Powering the Navy's Energy Future, PEW Trusts Sees Vice Admiral Dennis McGinn (ret.) Off to Service as a Civilian

For the past few years, the sponsored the tag team of (R-VA) and ACORE Admiral Dennis McGinn, in barnstorming on behalf of development, particularly purposes.



PEW Charitable Trusts have former Senator John Warner president, former Vice around-the-country advanced biofuels for strategic military



The team appeared together one more time at the U.S. Naval Heritage Center with Senator Warner introducing now Assistant Secretary for the Navy McGinn to speak on Powering the Navy's Energy Future.

Attended by Advanced Biofuels USA representatives Robert Kozak and Joanne Ivancic, who were able to express appreciation for McGinn's work at ACORE and to offer support and public educational assistance in

his work as he returns to the Navy.

As ACORE describes his history, "McGinn's continued commitment to bettering the nation follows a 35-year career with the U.S. Navy where he served as a naval aviator, test pilot, aircraft carrier commanding officer, and national security strategist. His capstone assignment with the Navy was Deputy Chief of Naval Operations for Warfare Requirements and Programs at the Pentagon, where he oversaw the development of future U.S. Navy capabilities. In a previous operational leadership role, he commanded the U.S. Third Fleet. Admiral McGinn earned a B.S. degree in naval engineering from the U.S. Naval Academy, attended the national security program at the Kennedy School of Government, Harvard University, and was a Chief of Naval Operations strategic studies fellow at the U.S. Naval War College."

And he is a fierce fighter for achieving cost and operational benefits of renewable energy of all kinds. Advanced Biofuels USA wishes him the best with his new responsibilities.

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### **Advanced Biofuels USA's Joanne Ivancic Recognized as One of Top 100 People in the BioEconomy by Biofuels Digest**



Readers and editors of the international online publication, [Biofuels Digest](#), for the fourth year recognized Advanced Biofuels USA executive director Joanne Ivancic as one of the Top 100 People in Bioenergy for 2013. (Shown at the Keystone Farm Show and with former

Senator John Warner)

"This recognition from a select group of people around the world who have expertise in this area means a great deal to me," said Ivancic. "It acknowledges not only the work done by the executive director, but that done by all the volunteers who comprise the organization and without whom nothing would be achieved. My thanks to all who voted to give the organization this honor."



In [the announcement](#) of the list of 100 and an additional list of 300 leaders who received votes, Jim Lane, editor and publisher of Biofuels Digest explained, "Overall, leaders from organizations based in 15 different countries were recognized in the poll — the highest number of countries represented since the poll debuted." [READ MORE](#)

### **Future Events: Come Visit with Us at---**

**Stop by our booth at the Commercial Aviation Alternative Fuels Initiative (CAAFI) Expo** January 28-29 in Washington, DC. The expo is free to the public.

**Say hello.** We'll be covering the [SAE High Octane Fuels Symposium: Where CAFE and RFS Meet January 21, 2014](#) at the convention center in Washington, DC, along with the DC Auto Show.

**Look for us at the 24 Hours at Daytona January 23-26.** We hear that green racing news is coming. We do know that this is the first time that cars powered by E85 will be participating in this race. Watch the [Green Racing section](#) of our website for breaking news.

Join us at the [USDA Farm-to-Fleet Industry Day](#) January 30 in Washington, DC.

### **Upcoming Advanced Biofuels Conferences and Activities: Details, Discounts, Deals**

## **2014 CAAFI General Meeting and Expo January 28-29 Washington, DC**



The 2014 CAAFI General Meeting on January 28 and 29, 2014 will include presentations and white papers covering key issues facing the alternative aviation fuels industry as well as panels providing industry and stakeholder perspectives.

The 2014 CAAFI General Meeting will be bigger than ever and is taking place at a spectacular and convenient venue – the Washington Marriott.

CAAFI Expo – Two days of concurrent exhibition opportunities for entities from across the supply chain to exhibit displays to explain and promote their capabilities and approaches to an audience of public and private sector decisions makers.

The exhibitor space will provide a way for fuel producers and others in the industry to showcase the products they offer and the approaches they are taking. [READ MORE](#) The general meeting is for members and invited guests only, however, the EXPO is free and open to the public. **.Come visit our booth.**

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## **3rd Starch World 2014 February 17-18 Jakarta, Indonesia**



Starch World is recognised as an important event for the industry and generally targeted at companies involved in Plantation , Agriculture / Agro Industrial Crops, Fermentation, Enzymes Suppliers, Companies that uses starch & starch derivatives – food, textiles, paper , pharmaceutical industries, Starch manufacturers from various feedstocks including rice, cassava, corn, wheat, tapioca ,financial institutions, Ethanol Producers, Fertiliser Cos, Sugar Plantations Co, Equipment & Technology suppliers.

The leading starch event promises thorough discussions on:

- New developments in resistant starch
- GMO vs. non GMO debate

- New applications and value added products including bioplastics
- Cassava to Bioethanol... and much more

Newly added to the 2014 event is a Site Visit to Cassava Plantations and Starch factory in Bogor. [READ MORE](#)

## ***ACI's Carbon Dioxide Utilization Congress February 19-20, 2014 San Diego, CA***



ACI The perception of CO<sub>2</sub> as a waste product is being challenged by the emergence of new industrial applications. CO<sub>2</sub> utilization is now set to play an important role in the development of alternative fuels, ways to tackle climate change and the synthesis of high value chemicals.

Spread over two days in San Diego (AKA America's Finest City), ACI's Carbon Dioxide Utilization Congress will examine a wide range of CO<sub>2</sub> applications, featuring reports on the latest technologies along with fresh perspectives on established processes such as enhanced oil recovery. There will also be a focus on the implications of CO<sub>2</sub> utilization for the environment and the energy sector as a whole, with speakers coming from international corporations, renowned universities and regulatory bodies.

### Key Topics

- Global trends in commercial CO<sub>2</sub> applications
- Cost-benefit analysis of Enhanced Oil Recovery
- Harnessing CO<sub>2</sub> as a waste stream
- CO<sub>2</sub> as a primary raw material in the synthesis of high value chemicals
- Supercritical CO<sub>2</sub> as an extraction solvent
- CO<sub>2</sub> conversion in the production of biofuels
- CO<sub>2</sub> as a petrochemical feedstock

Readers of Advanced Biofuels USA's web site receive a special discount: 15% off till the date of the event. In order to claim this discount, email Justyna Korfanty ( [jkorfanty@acieu.net](mailto:jkorfanty@acieu.net) ) and quote : CCO2MP [READ MORE](#)



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## **2014 ARPA-E Energy Innovation Summit February 24-26 National Harbor, MD**



The U.S. Department of Energy's Advance Research Projects Agency-Energy (ARPA-E) has hosted the Energy Innovation Summit for the past 4 years. It brings together the nations most innovative minds to team together on potential breakthroughs in energy technology. This push for innovative technology is critical to securing the nation's global technology leadership.

We gather the best minds in academia, business, and government to advance energy technology innovation. Join us to discuss cutting-edge energy issues and build relationships to help move technologies into the marketplace. Meet with key representatives from the Department of Energy, Department of Defense, and other government agencies who are actively supporting energy technology development.

The ARPA-E Technology Showcase features 280+ breakthrough technologies, expert entrepreneurs and researchers ready to collaborate, tangible innovations on display, and decision makers looking to invest. We are currently accepting applications to participate. [READ MORE](#)

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## **F.O. Licht's Sugar and Ethanol Asia February 25-26, 2014 Bangkok, Thailand**



Bringing together ethanol and biofuel producers, sugar millers, traders, technology companies, shipping and logistics companies and users of fuel, industrial and beverage ethanol, F.O. Licht's Sugar and Ethanol Asia 2014 will be a unique opportunity to network and hear from key industry players from a regions that offers huge potential for expansion, trade and investment.

By attending F.O. Licht's Sugar and Ethanol Asia 2014, you will get the insights and contacts you need to successfully do business in this part of the world. [READ MORE](#)

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## ***World Bio Markets 2014 March 4-6 Amsterdam, The Netherlands***



World Bio Markets 2014, 5th March in Amsterdam offers a fully integrated look at the vast opportunities open to bio-based industry stakeholders within the end user markets of:

- Renewable Transport Fuels
- Bio-based Chemicals
- Bio-based Products

Returning for a 9th consecutive year there is no other event that provides the breadth of content in the depth covered at WBM. Our dedicated research team have been working non-stop in order to bring you an agenda covering the issues you want to hear about. [READ MORE](#)

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## ***Green Polymer Chemistry 2014 March 18-20 Cologne, Germany***



AMI is pleased to announce the dates for the 3rd international conference on Green Polymer Chemistry 2014. The event will take place from 18-20 March 2014 at the Maritim Hotel, Cologne, Germany. The conference will start with an evening welcome reception on the 18th March, followed by a 2-day technical and market programme.

The Green Polymer Chemistry conference provides an ideal forum for today's market, as the polymer industry looks at alternatives to petrochemical sources to ensure a viable long-term future. Green Polymer Chemistry 2014 is a forum to examine the latest developments in producing conventional polymers from sustainable sources including plants and biorefineries, algae, waste and CO<sub>2</sub>. What is the LCA and availability of the alternative sources, and is there competition with food and bioethanol for automotive? What polymers are already available in the marketplace?

Green Polymer Chemistry 2014 conference offers an excellent networking and sourcing opportunity for brand owners, environment and sustainability managers, business development and innovation professionals, chemical engineers, plastics

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manufacturers, agriculture specialists, biorefinery experts, biochemists, researchers, and suppliers to the industry to debate sustainable, economic solutions for polymer synthesis. [READ MORE](#)

**Special discount offer for Advanced Biofuels USA. If you register before the 7<sup>th</sup> February the admission fee will be €800\* thereafter the admission fee will be €990\*! \*+19% German VAT**

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### **Cassava World Africa March 20-21, 2014 Lusaka, Zambia**



“Transforming Cassava in Africa – Enhancing Food Security to Agro-Industrial Products!”

- Global starch market outlook & feedstock economics
- Cassava projects update in East, West and South Africa
- Cassava agronomy/best practices and pest management
- Value addition & market prospects
- Mechanizing production and processing technology
- Infrastructure plans to support cassava value chain development
- Case studies in South America and Asia
- Cassava commercialization financing scheme

Companies involved in plantation – sugar and starch based feedstock, agriculture/agro industrial crops, fermentation, enzyme suppliers, companies that uses starch & starch derivatives – food, brewery, paper, textile, pharma, livestock feed, Manufacturers and suppliers of tapioca starch, trading companies, venture capitalist, financiers, ethanol producers, agrochemicals producers, fertilizer, farm equipment & technology suppliers, Research Institutes and Agriculture Ministries

[READ MORE](#)

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## ***International Biomass Conference and Expo March 24-26, 2014 Orlando, FL***



Organized by BBI International and produced by Biomass Magazine, this event brings current and future producers of bioenergy and biobased products together with waste generators, energy crop growers, municipal leaders, utility executives, technology providers, equipment manufacturers, project developers, investors and policy makers. It's a true one-stop shop – the world's premier educational and networking junction for all biomass industries.

International Biomass Conference & Expo is where future and existing producers of biobased power, fuels and thermal energy products go to network with waste generators and other industry suppliers and technology providers. It's where project developers converse with utility executives; where researchers and technology developers rub elbows with venture capitalists; and where Fortune 500 executives and influential policy makers sit side-by-side with American farmers and foresters.

Once again, the 2014 International Biomass Conference & Expo program will include 30-plus panels and more than 100 speakers, including 90 technical presentations on topics ranging from anaerobic digestion and gasification to pyrolysis and combined heat and power, all within the structured framework of five customized tracks:

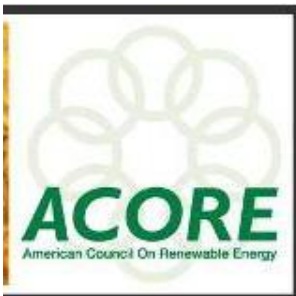
[Track 1: Pellets & Densified Biomass](#)

[Track 2: Biomass Power & Thermal](#)

[Track 3: Biogas & Landfill Gas](#)

[Track 4: Advanced Biofuels & Biobased Chemicals](#) [READ MORE](#) Use discount code: **ABUSA250** to receive the \$250 off full registration!

## ***National Renewable Energy Policy Forum March 26-27, 2014***



### ***Washington, DC***

ACORE's Policy Forum brings together renewable energy leaders from Capitol Hill and across the country in the U.S. House of Representatives Cannon Caucus Room to assess the state of renewable energy policy and lay out a policy framework for 2014 and beyond. [READ MORE](#)

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***Bioenergy and Biomass Utilization Summit April 23-25, 2014  
Shanghai, China***



BBS 2014 will attract 800 outstanding scientists and entrepreneurs home and abroad , who mostly come from the United States, Canada, Japan, South Korea, Germany, France, Italy, Britain, Denmark, Sweden, Switzerland, Norway, Brazil, India etc.,.What is more, you will meet the leaders from NDRC, energy bureau and the relevant associations, besides, you will meet current and future bioenergy producers, related equipment dealers, biomass power plant operating contractors, scientists, scholars and researchers, head of waste/sewage facilities, head of crop materials, head of crop growers food waste collection management, crop technical experts and livestock and poultry breeding experts, etc. [READ MORE](#) **Ask for 15% discount for Advanced Biofuels USA readers when registering.**

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***European Algae Biomass Conference May 5-7, 2014 Seville, Spain***



ACI's 4th annual European Algae Biomass Conference will once again bring together senior executives from industry and academia to discuss the latest commercial and technical developments, challenges and research breakthroughs throughout the entire algae value chain.

The conference will have a heavy focus on case study examples of latest technologies in operation in the global algae industry and also includes an exclusive site visit on Monday 5th of May 2014. Discuss the technical challenges faced when optimising the cultivation of algae. Study the current and future commercial markets for algae products and the challenges faced during the commercialisation process including the views from different end markets. [READ MORE](#)

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***International Fuel Ethanol Workshop & Expo June 9-12, 2014  
Indianapolis, Indiana***



Now in its 30th year, the FEW provides the global ethanol industry with cutting-edge content and unparalleled networking opportunities in a dynamic business-to-business environment. The FEW is the largest, longest running ethanol conference in the world—and the only event powered by Ethanol Producer Magazine. [READ MORE](#)

Use discount code: **ABUSA250** to receive the \$250 off full registration!

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### ***European Biomass Conference and Exhibition June 23-26, 2014 Hamburg, Germany***



The European Biomass Conference and Exhibition (EUBIA) ranks as one of the top world leading events in the Biomass sector, combining a highly respected international Conference with an Industrial Exhibition. It highlights progress in research, technological development and production processes and brings together all key specialists to make it the most important international platform for dialogue between research, industry, research and industry, and policy in the biomass sector.

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

The Technical Programme is coordinated by the European Commission, Joint Research Centre. [READ MORE](#)

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***7th Biofuels International Conference September 24-25, 2014 Ghent, Belgium***



- Key sponsors the Port of Ghent, hosting the networking reception
- Potential tour to be held by the Port of Ghent 23 September 2014

Focusing on the latest developments in biofuels policy, international biofuels trading, sustainability, solutions for first generation producers, progress in advanced biofuels and information on feedstock pricing and trends. This 2 day conference will both educate and stimulate.

The event attracts a senior audience from around the world – one where you are able to interact with speakers, pose your own questions and create new business relationships.

With so much happening in the biofuels market the main aims of this event will be to:

- Update delegates on the latest changes to biofuels legislation and policy
- Provide information on international biofuels trade, including biofuel and feedstock prices, risk reduction and trade activities
- Inform attendees about the latest research into sustainability, ILUC and multiple counting strategies
- Aid first generation producers continue profitable production and add retrofit solutions
- Drive second generation production forward, scaling up commercial scale advanced biofuels plants and hear from producers around the globe [READ MORE](#)

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***National Advanced Biofuels Conference & Expo October 13-15, 2014  
Minneapolis, Minnesota***



Produced by BBI International, this national event will feature the world of advanced biofuels and biobased chemicals—technology scale-up, project finance, policy, national markets and more—with a core focus on the industrial, petroleum and agribusiness alliances defining the national advanced biofuels industry. With a vertically integrated program and audience, the National Advanced Biofuels Conference & Expo is tailored for industry professionals engaged in producing, developing and deploying advanced biofuels, biobased platform chemicals, polymers and other renewable molecules that have the potential to meet or exceed the performance of petroleum-derived products. [READ MORE](#)

Use discount code: **ABUSA250** to receive the \$250 off full registration!

## Happy New Year! Make a Resolution: Help Us Continue Our Good Works -- DONATE!



It's a time for resolutions to make us better people; to make this a better world.

Advanced Biofuels USA has a few suggestions to offer as you review the past and anticipate the future. Check out our list of [20 ways you can improve your world](#)--on our website.

Of course, we welcome your donations to keep us in business.

Advanced Biofuels USA relies on corporate sponsorships, grants, in-kind donations and individual contributions to promote the understanding, development and use of advanced biofuels and to inspire action.

You can now make a secure donation to Advanced Biofuels USA via PayPal by clicking on the ["Donate Now"](#) button. It's quick, easy and safe. Make it a year-long



gift by making monthly installments automatically.

You can make your gift in memory or in honor of someone special. Just let us know. Call (301-644-1395) or send an email: [info@AdvancedBiofuelsUSA.org](mailto:info@AdvancedBiofuelsUSA.org). We'll send a special card acknowledging your gift.

Thank you for your support.

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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