

Subj: **News and Advanced Biofuels Conference Info April**
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Coming Advanced Biofuels Events (details at

www.AdvancedBiofuelsUSA.org)

• April

- [2011 Biomass Program Peer Review Meetings February through June Various Locations](#)
- [Global Algae Biodiesel World India 2011 April 5-6 Jaipur, India](#)
- [Large-scale Domestic Biofuels Production from Dedicated Energy Crops April 7, 2011 Memphis, TN](#)
- [Ethanol 2011: Emerging Issues Forum April 7-8 Omaha, NE](#)
- [Planet Forward on TV. An Earth Day Special. Coming April 8, 2011.](#)
- [2011 National SBIR/STTR Spring Conference and Biofuels Showcase Tour April 10-14, 2011 Madison, WI](#)

- [BioCycle Global 2011 April 11-14 San Diego, CA](#)
- [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 18-21 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](#)
- [10th Annual Southern BioProducts & Renewable Energy Conference May 10-11, 2011 Biloxi, MS](#)
- [3rd Algae World Europe May 16-17, 2011 Madrid, Spain](#)
- [The Burrill Latin America Life Sciences Conference May 19-20, 2011 Rio de Janeiro, Brazil](#)
- [Metabolic Design 2011 May 23-25 San Diego, CA](#)

• 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](#)
- [RENEXPO European Bioenergy Conference June 29-30, 2011 Brussels, Belgium](#)
- **July**
- [All About Energy 2011 July 5-8, 2011 Fortaleza, Brazil](#)
- [1st International Conference on Algal Biomass, Biofuels and Bioproducts July 17-20, 2011 St. Louis, MO](#)
- [Sustainable Oil Palm Plantation July 18-19, 2011 Bali, Indonesia](#)
- [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](#)
- [Waste-to-Fuels Conference & Trade Show September 25-27 San Diego, CA](#)
- **October**
- [Biofuels International Canada Expo & Conference October 3-4, 2011 Calgary, Alberta, Canada](#)
- [2011 AiChE Annual Meeting October 16-21 Minneapolis, MN](#)
- [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.

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



Advanced Biofuels USA board member, **Bob Kozak**, provided an analysis of the SAFESTA legislation introduced recently by Senators Amy Klobuchar (D-MN) and Tim Johnson (D-SD). As an alternative to the "open fuel standard" mandated mix of vehicles which includes many powered by fossil fuels, he suggests that to increase the demand for available renewable biofuels, it would

seem advantageous to work with the car industry to introduce ethanol/butanol Flex-Fuel vehicles, based on available technology, that would produce real-world E85/B_u85 mileage very similar to optimized E10 mileage and let the market take over to get them sold. Read his [complete analysis](#).

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

Telling Our Story



The ***“Well-to-Wheels” CO2 Emissions From Alternative Fuels*** graph produced by NRDC (Natural Resources Defense Council) illustrates the decreasing CO₂ emission trendline for the various ethanol production options. Starting with their value of about 22 lbs CO₂/equivalent gallon/gasoline for “*Corn Industry Average*” it decreases to about -7 lbs CO₂/equivalent gallon/gasoline for “*Cellulosic with Carbon Capture/Reuse*.” Yes, that’s NEGATIVE 7. Bob Kozak [summarized](#) what that chart means for enhancing public understanding of the environmental value of efficient ethanol and advanced ethanol production and use.

If you have visited our [Companies Involved with Biofuels and Advanced Biofuels page](#) in the Resources section of our web site, you notice about 400 companies, with links to the pages on their websites that feature their biofuels activities. These companies range from biofuel producers and researchers to feedstock developers to law firms, financial/investment firms, engineering firms and others, but you would never know it by looking at that page. We are working on creating a searchable spreadsheet that provides more information such as location, type of business, technology, feedstock, and more. You can review a [draft](#) of that effort from a link on the Companies page. Please take a look. If we missed your company, please let us know.

We also get a number of calls for people wanting to buy biofuel from us or to sell us feedstock. If you know of any brokers around the world who put such buyers and sellers together, please let us know. We'd like to include them on this list.



Projects Underway **Volunteers and Our**

Activities: Volunteer graphic artist, **Karen Peacock**, completed a 6 foot tall stand-up display for us to use at conferences and other events. Watch for it. Karen's next projects are to revise our handouts, including an 8-page tabloid in the planning stages. Let us know if you would like to advertise in it. We plan to provide this to Congressional staff who are working on advanced biofuels issues, as well as to attendees at conferences, reporters at racing events, libraries and other distribution opportunities.

The Frederick News Post featured a [story](#) about **Dr. Don Erbach**, Advanced Biofuels USA's newest board member, in its business news. Nice photo with Karen's poster in the background, too.

Dr. Larry Cosenza of C2Biotechnologies has developed a high school/small business incubator/education cooperative project. The results of his beta test during the summer of 2010, along with useful materials for others who would like to duplicate the project or use it as a template for their own, will be available soon on the Advanced Biofuels USA website.

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.

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



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 for more information. [READ MORE](#)



Advanced Biofuels Leadership Conference April 18-21 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](#)



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](#)



3rd Algae World Europe May 16-17, 2011 Madrid, Spain

CMT's **Algae World** conference series started in 2008 and were successfully held in Rotterdam, Brussels, Bangkok and Singapore. It is recognized as a premier platform for productive exchanges amongst the **Academic, Commercial** and **Investment communities**.

Following several successful meetings in Asia and Europe, the **3rd Algae World Europe** brings you the latest exciting updates on this growing industry!

Join top industry leaders across the algae supply chain over 1.5 exciting days as they reveal first-hand insights on developments

towards large-scale Algae Commercialisation and answer vital questions on Algae's role to come in the next 5-10 years!

2011 HIGHLIGHTS

- Latest developments in micro and macro algae
- Showcase of novel algae production & processing technologies
- Advancements in downstream processing
- Value Proposition of algae in Feed, Chemical, Cosmetic and Pharmaceutical
- Case studies of algae used in waste water treatment and carbon capture
- Algae for fuel - commercialization status for drop-in fuel, biodiesel and bioethanol [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](#)



European Biodiesel June 15-16 Rotterdam, The Netherlands

Now in its 4th 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 14th June to the Neste Oil Rotterdam NExBTL plant. [READ MORE](#)



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](#)


JatrophaWorld Asia 2011 June 27-28 Haikou, Hainan Island

Conference Theme: Delivering Jatropha Oil to the Market - Strategies to Ramp Up Production

Key Highlights

- Commercialisation Status of Large-Scale Jatropha Cultivation & Oil Production in Asia
- Outlook of the Global Biodiesel Market
- Best Practices in Jatropha Agronomy
- Jatropha R&D in Breeding & Genetics
- Effective Management of Outgrower / Contract Farming Model [READ MORE](#)


Innovation and Sustainability Conference & Expo 2011 Africa August 24-27, 2011 Kampala, Uganda

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](#)

Founded in 2006, Pilot International was the first dedicated private-sector driven international organization based in Uganda to promote global sustainable development for the benefit of humanity and the planet. Pilot International accelerates global sustainability through organizing international conferences & expos in sustainability sectors; publishing Pilot International Newsletter to advertize and disseminate sustainable businesses, innovations and enterprises world-wide; implementation of development projects, and promoting

& celebrating entrepreneurs in sustainability.



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. 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

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