

Coming Advanced Biofuels Events Click on event for

more information. Scroll below news articles for details and special deals for Advanced Biofuels USA readers.

- March
- Bioenergy Processes & Technologies March 13, 2012 Rotterdam, Netherlands
- World Biofuels Markets March 13-15, 2012 Rotterdam, The Netherlands
- Bio-Based Chemicals Summit March 13-14, 2012 Rotterdam, Netherlands
- <u>BioEnergy Symposium 2012 Transportation Biofuels March 13-14 University of North Carolina at Charlotte</u>
- Unconventional Feedstocks & Fuel Mandates: Operating Amid Change March 14, 2012 San Diego, CA
- 2012 ARPA-E Energy Innovation Summit March 15 Interactive Rebroadcast
- University of Vermont Biomass to Biofuels Course March 23 to April 28, 2012 Burlington, VT
- Kalimantan Palm Oil Fair 2013 March 26-27 East Kalimantan, Indonesia
- Bringing Bioproducts to Market: Overcoming Risks to Commercialization March 26-28, 2012 Sarnia,
 Ontario
- 'Biofuels Beltway March' March 27-28, 2012 Washington, DC
- 2012 BioPlastek Forum March 28-30 Arlington, VA
- April
- EcoTrek Foundation's "Protect and Preserve America Tour" April-November 2012 US
- Certificate in Bioenergy April 2-3, 2012 London, UK
- Advanced Biofuels Leadership Conference April 2-5, 2012 Washington, DC
- The Commercial Impacts of Biofuel Sustainability April 4, 2012 London, UK
- Algae Harvesting and Downstream Processing for Value Added Applications April 11-13, 2012 San Diego, CA
- 2nd Algae World Australia April 16-17, 2012 Perth, Australia

- International Biomass Conference & Expo April 16-19, 2012 Denver, CO
- European Algae Biomass April 25-26, 2012 London, UK
- 2nd World Congress of Bioenergy-2012 April 25-28 Xi'an, China
- World Congress on Industrial Biotechnology and Bioprocessing April 29-May 2, 2012 Orlando, FL
- May
- 2012 ACT Expo May 15-17 Long Beach, CA
- Council for Chemical Research 33rd Annual Meeting May 20-22, 2012 Dearborn, MI
- 4th Algae World Europe May 22-23, 2012 Munich, Germany
- June
- European Workshop Biotechnology of Microalgae June 4-5, 2012 Nuthetal, Germany
- International Fuel Ethanol Workshop & Expo June 4-7, 2012 Minneapolis, MN
- 2nd International Conference on Algal Biomass, Biofuels and Bioproducts June 10-13, 2012 San Diego, CA
- ACI's European Biodiesel Summit June 13-14, 2012 Krakow, Poland
- Young Algaeneers Symposium June 14-16, 2012 Wageningen, The Netherlands
- 16th Annual Green Chemistry & Engineering Conference June 18-20, 2012 Washington, DC
- Next Generation Engine and Fuels Forum June 18-20, 2012, Washington, DC
- BIO International Convention June 18-21, 2012 Boston, MA
- EU BC&E 2012, 20th European Biomass Conference and Exhibition June 18 22, 2012 Milano, Italy.
- BIO International Convention June 18-21, 2012 Boston, MA
- ATW's 5th Annual Eco-Aviation Conference & Awards Ceremony June 20-21, 2012 Crystal City, VA
- Global Pongamia World 2012 June 25-26 Jaipur, India
- Energypath 2012 and Energy Camps June 25-29 Center Valley, PA
- July
- 4th Palm Oil Summit July 9-10, 2012 Bali, Indonesia
- Biomass 2012 July 10-11, 2012 Washington, DC
- 2012 Biochar Conference July 29-August 1 Rohnert Park, CA
- September
- Palm Oil Africa September 13-14, 2012 Accra, Ghana
- Algae Biomass Summit September 24-27, 2012 Denver, CO
- World Clean Technology Summit September 26-28, 2012 Kampala, Uganda
- October
- The Sun Grant Initiative National Conference on Science for Biomass Feedstock Production and Utilization October 2-5, 2012 New Orleans, LA
- PALMEX Indonesia 2012 October 10-12 Medan, Indonesia
- RETECH October 17-19, 2012 Washington, DC
- 2012 TAPPI International Bioenergy & Bioproducts Conference October 17-19 Savannah, GA

- 4th Annual World Refining Technology Summit 2012 October 22-23 Brussels, Belgium
- Nordic Wood Biorefinery Conference October 23-25, 2012 Helsinki, Finland

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- 2013
- January
- AgConnect Expo January 29-31, 2013 Kansas City, MO

Get more information on our home page: www.AdvancedBiofuelsUSA.org and in our Coming Events lists.

See also <u>CALL FOR PAPERS</u>, a list of invitations to submit abstracts for presentations and posters.

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



Advanced Biofuels USA staff are continuing to work on the ideas raised in relation to the Farm Bill and related legislation:

- o Establish a National Biomass/Biofuel Policy;
- o Fund the Development of Biofuel Production Systems at the "Death Valley" Stage;
- o Provide a Grower-Oriented, Easily Accessed, Bio-Crop Database; and
- Reform Land Conservation Programs.

Board members, **Bob Kozak**, **Joanne Ivancic** and **Doug Root** are working on a proposal for a feasibility study for developing the bio-crop decision-making tool for growers.

Kozak, Ivancic and **Jill Hamilton** are also exploring possibilites for getting more attention to the need for a distributed/centralized precursor and intermediary conversion system.

Do your part. Talk and write to your Senators and Representatives in

Congress. Question those running for President about their commitment to development of advanced biofuels. Take Congressional staff on tours of your facilities, class rooms, research labs. Show them that this is real, of benefit to the US and the world, and a partial answer to many of the vexing problems they grapple with daily from sustainable energy to job creation.

• See more articles on the latest proposed legislation and federal activites: <u>Federal Agency</u> and <u>Federal</u> Legislation.

Current Projects: Highlights



SAVE THAT DATE! Tomorrow's Engines and

Tomorrow's Fuels. Watch for news on the coming Infocast conference Next Generation Engines and Fuels Forum to be held June 18-20 in Washington, DC. Advanced Biofuels USA has long advocated for getting engine designers and fuel designers together to optimize the potential of both.

Representatives all along the biofuels value chain from "seed to wheel" are invited. From growers, ag researchers, conversion technology researchers to investors, producers, regulators, engine and automotive designers, fuel distributors and retailers, and legislators. All are needed to help panels of experts explore the nitty-gritty of transitioning "the whole gallon" to renewable fuels as efficiently, economically, environmentally and socially sustainably as possible. It's a tall order.

This will be a good place to collaborate to achieve the new CAFE and Tier 3 standards, to work toward a truly renewable sustainable ground transportation fuels future. For more information about sponsoring or speaking at this conference, contact Alice Barsoomian at aliceb @ infocastevents.com.

Resource for Journalists

Advanced Biofuels USA strives to provide a well-rounded source of information for a variety of audiences from legislators and their staffs at local, state and federal levels to journalists and reporters to students, teachers and the general public, as well as to industry professionals in all aspects of the value chain. We often provide one-on-one consultation with a variety of individuals; and do occasional interviews with reporters for the record and on background. We often refer reporters and others to a variety of resources in addition to those on our web site. Don't hesitate to call or write.

Featured Educational Materials



University of Idaho 4-H

The University of Idaho's Biodiesel Education Program has released curriculum designed to help students between the ages of eight and 12 understand the concepts of energy and renewable energy. While the free seven-lesson program was written for 4-H clubs, the Biodiesel Education Program stresses it is also appropriate for use by elementary school teachers.

The curriculum features several hand-on activities, including a matching game, a fossil fuels timeline and a renewable energy model. Other components of the program include an energy tour and viscosity wands.

The program includes two parts, a student workbook and an instructor's manual. The student workbook contains lessons titled "What is Energy," "Liquid Fuels as Energy Sources," "Fossil Fuels," "Renewable Energy," "Vegetable Oil and Animal Fat as Sources of Energy," "How is Biodiesel Made and Used," and

"Scientists and Engineers." READ MORE and MORE

Growing Algae for K-12

This video looks at the basics for getting started on growing algae at home or in the classroom. It's part of a series geared towards teachers and students, but can be used by anyone to grow algae with easily available and inexpensive equipment.

READ MORE on our "For Teachers" page.

As Always: Keep an eye on our web site category "<u>Education</u>" and its subcategories such as "<u>Education</u>: <u>For Teachers</u>," as well as the <u>Biofuels Basics</u> section with it's page of <u>Slides and Presentations for Public Use</u>. 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 <u>info@advancedbiofuelsusa.org</u>."

Telling Our Story



Volunteer Recruitment

Advanced Biofuels USA was again invited to participate at **Hood College** in Frederick, MD at their Volunteer Service Fair. "With

Hood College less than a mile from our office, we have enjoyed
having numerous volunteers and interns with a wide range of
interests work on many projects with us," explained **Joanne Ivancic**, executive director. "This year we are especially interested
in finding marketing or business students who can help us analyse
and improve the effectiveness of our web site, newsletter, facebook
and twitter."

Conferences/Briefings

Volunteer, **Josh Rathod** has been busy representing Advanced Biofuels USA at the Algal Biomass Organization briefings and reception during their Fly In at Capitol Hill and at the recent PEW Trusts *Road to Commercialization* event in Washington, DC. Watch

for his write-ups on the Advanced Biofuels USA website.

Bob Kozak and **Joanne Ivancic** are scheduled to present at EnergyPath 2012 at DeSales University near Allentown, PA, the morning of June 28, 2012. Part of a track on renewable energy for transportation, they will provide an overview of advanced biofuels, including a description of current technologies being developed and those being implemented.

Upcoming Advanced Biofuels Conferences and Activities: Some Details



World Biofuels Markets Congress & Exhibition March 13-15, 2012 Rotterdam, Netherlands

The **World Biofuels Markets Congress & Exhibition** returns to Rotterdam for 2012, to once again bring together the entire value chain of the biofuels industry to do business..

EUROPE'S LARGEST BIOFUELS CONGRESS & EXHIBITION:

- 1500+ attendees from 80 countries
- 70% of attendees at Director+ level
- 2 months of travelling condensed into 3 days of networking and meetings
- 275 expert speakers in 25 focused sessions with 2 co-located conferences
- 70 exhibitors so you can meet the market leaders and learn more
- 25 hours of networking time in the co-located exhibition area READ MORE



Advanced Biofuels Leadership Conference April 2-5, 2012 Washington, DC

 Go Big, Stay Strong. As advanced biofuels move out of the lab and race for commercialization, the stakeholders are going big, while balancing the need to stay strong in an uncertain policy and finance environment.

How to navigate the path to expansion – without becoming overextended. Understanding how policy and finance mechanisms are evolving. How feedstock and end-user markets are emerging. Who to partner with, and when, and how.

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.

This year, Leadership Week has a total of five interweaving conferences, to maximize the coverage of the hottest trends, and enable delegates to customize their experience to make it more impactful and affordable than ever.

- * The Advanced Biofuels Leadership Conference April 3-5
- * Aviation & Military Biofuels Forum April 5
- * The Bio-Based Investment Summit April 5
- * Renewable Chemicals & Materials Live! April 2
- * The Forest Biorefinery Workshop- April 3 READ MORE

2nd Algae World Australia April 16-17, 2012 Perth, Australia

Scaling up to the next level & developments inprocessing technology from harvesting, separation to extraction

Key Highlights

- Assessment of the possible scale of algae cultivation & biocrude potential across Australia
 - Open Pond systems with high saline algae Muradel project update
 - Genetic Modification of Algae for biofuel production
 - Macroalgae (Seaweed) to energy
- Downstream processing and applications in high value added products
- Optional Site Visit on the 17th April (2 pm 5 pm)

Perth, Australia

16-17 Apr 2012

Algae R&D Center in Murdoch University including the SABC (State Agricultural Biotechnology Center) where they do a lot of molecular and proteonomic work and the Separation Science and Metabolomics laboratory which has extensive analytical capabilities including analysis of the algae and of the biofuels READ MORE



■ European Algae Biomass April 25-26, 2012 London, UK

Maximising Algae's Business Potential Today, for the Markets of Tomorrow

Join us once again at ACI's European Algae Biomass held in London, UK, on 25-25 April 2012. The 2nd edition is building on the success of the 2011 event and will provide you with the opportunity to examine key areas affecting success in the industry.

Hear from leading industry executives and experts, including: algae producers, green energy and biotech investors, biodiesel manufacturers, cultivation, harvesting and oil extraction process technology providers, government representatives and other industry professionals.

Conference is chaired by Professor Mario Tredici, President of the European Algae Biomass Association and includes speakers from BDI – BioEnergy International, UniVerve Biofuel, Ecoduna, OriginOil and many more – please follow the link below for detailed information. <u>READ MORE</u>



The World Congress on Industrial Biotechnology Bioprocessing April 29 - May 2, 2012 Orlando, FL

The World Congress on Industrial Biotechnology and Bioprocessing is the world's largest industrial biotechnology event for business leaders, investors and policy makers in biofuels, biobased products, and renewable chemicals. Entering its ninth year, the event is expected to bring together more than 1,000 high-profile scientists, executives,

government officials and investors for an exchange of ideas in Orlando.

The event offers unique networking opportunities, an overview of the latest technological developments, and real world scenarios for bringing technological solutions to market. The Congress features discussions of high profile topics related to climate change, sustainability, new sources of fuel, financing, and policy. The conference also offers business partnering opportunities, utilizing a computer system that assists companies and investors alike in arranging confidential one-on-one meetings with other attendees.

A Poster Session and Exhibit Hall will provide attendees with an unparalleled opportunity to converse with their colleagues and learn about the latest developments in the field of industrial biotechnology and bioprocessing. We

are excited to bring this conference to Toronto to highlight the industry's growth, the importance of this industrial and environmental biotechnology for generating green jobs, making greener products and cleaner processes all aimed at building a biobased economy. READ MORE



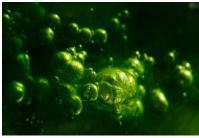
2012 ACT Expo May 15-17 Long Beach, CA

Join us for the 2012 ACT Expo May 15-17 at the Long Beach Convention Center in Long Beach, California for the largest alternative fuels and vehicle technologies show in North America. The ACT Expo 2012 will be bigger and better with more clean vehicle technologies represented, exhibitors, fleet experience perspectives, OEMs, technical experts, expo hall time, networking opportunities, and information on funding opportunities.

Join us in Southern California, North America's clean and alternative fuel vehicle technology hub, for a showcase of the funding, fuels, vehicles, equipment, and technologies that will fuel long-term success for your fleet.

With oil continuing to hover around \$100 a barrel, ACT Expo lays the groundwork for an alternatively-fueled future by providing fleets, regulators, funding agencies, stakeholder groups, and technology providers with the information, tools, and connections to make advanced technology projects an everyday reality. READ MORE

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4th Algae World Europe May 22-23, 2012 Munich,

Germany CMT's Algae World conference series is recognized as a premier platform for productive exchanges amongst the Academic, Commercial and Investment communities.

Algae World addresses the intricacy of scaling-up algae production and processing; focuses on innovative technologies and market dynamics that can bring the algae sector to the next level.

You Will Network with:

- Algae Technology Developers
- Cleantech Entrepreneurs
- Research Institutes
- Aquaculturists
- Financiers and Investors
- Heavy Industries including Mining Companies, Power Plant Operators, Cement Plant Operators
- Biofuels Network, Animal Feed Companies, Nutraceuticals/ Pharmaceutical Cos, Fertilizer suppliers, Aircraft/Engine Manufacturers
- Technology suppliers for Downstream processing
- Water Treatment & Waste Water Professionals READ MORE



• ACI's European Biodiesel Summit June 13-14, 2012 Krakow, Poland

The leading annual event specifically for the European biodiesel industry, ACI's European Biodiesel Summit will be taking place on 13-14 June 2012 in Kraków, Poland. The previous events held in Brussels, Prague, Barcelona and Rotterdam have attracted senior executives from all areas of the biodiesel industry including agribusiness, feedstock

traders and suppliers, transportation companies, biodiesel producers, oil refiners, NGOs, financiers, automotive companies, technology providers and plant manufacturers among others.

Gain direct access to the senior level audience through enhanced visibility and exposure to attract new business. A wide range of opportunities are available, all of which can be finely tuned to match your exact requirements.

LOTOS Biopaliwa's Czechowice-Dziedzice Biodiesel Plant Afternoon of Tuesday 12th June Limited to 30 conference attendees. READ MORE



EU BC&E 2012 20th European Biomass Conference June 18-22 Milano, Italy

You are invited to join the EU BC&E 2012, 20th European Biomass Conference and Exhibition, 18 – 22 June 2012 at the Milano Convention Centre in Milano, Italy.

With this event, we will continue the biomass specialist's role as the leading technical platform covering all aspects of biomass from research to industry and markets.

We also continue the industrial exhibition that brings biomass scientist and engineers together with the biomass industry. READ MORE



4th Palm Oil Summit July 9-10, 2012 Bali, Indonesia

"Sustainable Yield Enhancement & Carbon Management"

Key highlights

Demand for Certified Sustainable Palm Oil & its future for European

& US markets

- · Replanting trees with higher yielding varieties
- Improved agriculture practices and mechanisation
- Value addition in downstream processing including improved oil extraction rates
- Capture mill effluent for power generation

Whom you will network with

Palm oil producers – from CEOs , MDs to PlantationAdvisors, Agronomists, Scientific Officers, R & DDept Heads to Sustainability Directors, Millers, PalmOil Traders, Independent Agronomy Advisors, Plantation Consultants, IT Solution Providers, MillingTechnology, Equipment Suppliers, FertiliserCompanies, Palm Oil Research Institutes, Agriculture Depts, Researchers, Crop Science and Agri Biotech Cos READ MORE



Palm Oil Africa September 13-14, 2012 Accra, Ghana

"Reviving the Palm Oil Industry in Africa - Challenges & Opportunities"

Key Highlights

- Financing & Investment Prospects
- Land regulations, labour laws, logistics & infrastructure support
- Applying large-scale cultivation expertise from Asia & opportunities for downstream processing
- R & D on improved planting materials & techniques

Whom you will network with

Palm oil producers – from CEOs, MDs toPlantation Advisors, Agronomists, ScientificOfficers, R & D Dept Heads to SustainabilityDirectors, Millers, Palm Oil Traders, Independent Agronomy Advisors, PlantationConsultants, IT Solution Providers, MillingTechnology, Equipment Suppliers, FertiliserCompanies, Palm Oil Research Institutes, Agriculture Depts, Researchers, Crop Scienceand Agri Biotech Cos READ MORE



World Clean Technology Summit September 26-28, 2012 Kampala, Uganda

 Every year, Pilot International continues to provide a Global
 Platform for Advancement of Innovations and Clean Technology for a Sustainable World. The growth and success of our events is testament to Pilot Internationals' determination to provide a global platform for effective dialogue on renewable energy, clean technology and environmental innovations, as well as to achieve 3 of the millennium development goals, such as:

MDG3: Promoting Gender Equality& Women Empowerment,

MDG7: Ensuring Environmental Sustainability,

and MDG8: Developing A Global Partnership For Development.

The World Clean Technology Summit will bring together world leaders in renewable energy, exhibitors, investors, scientists and clean technology providers from around the world to engage, interact with each other, exchange business contacts, forge partnerships, and pave a way forward for a sustainable future.

The Following are objectives for the World Clean Technology Summit:

- Create a shared understanding of the role governments, private sector, non-Profit, academic and the media play in promoting clean technologies to achieve a sustainable future for all;
- Provide a platform for companies, investors, Governments, foundations, academicians and civil
 society organizations to share the efforts they are undertaking to promote clean technologies
 and to publicize new commitments to action. READ MORE

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Palmex Indonesia 2012 October 10-12 Medan, Indonesia

The 4th PALMEX Indonesia 2012 is the only specialized Palm Oil event in Asia that brings together an international congregation of both upstream and downstream palm oil companies and also its supporting industries gathered in the capital city of North Sumatera, Medan to showcase the latest developments in the palm oil industry.

North Sumatera, home to one of Indonesia's largest concentration of oil palm plantations and also the presence of many supporting facilities such as palm oil processing plants making its capital Medan the perfect venue for the show. This unique event seeks to educate the public on the importance of the palm oil industry in Indonesia and the future trends of palm oil in the region. More than 5,000 industry professionals from more than 10 countries would be expected to turn up at this event. The international character and regional audience of PALMEX Indonesia 2012 provides unparalleled marketing, education and networking opportunities. READ MORE

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RETECH 2012 October 17-19 Washington, DC CONNECT with the World's Renewable Energy Leaders from

CONNECT with the World's Renewable Energy Leaders from Government, Utility, Finance and Technology

RETECH 2012 is the only event dedicated to delivering coverage on EVERY discipline of renewable energy technology. RETECH is THE renewable energy industry's meeting place for over 3,000 Government, Utility, Finance and Technology professionals from 60 countries.

RETECH's conference sessions deliver unparalleled educational content including business development opportunities, topical professional development, current trends, the newest technologies and important up-to-date information on the changing legislative and regulatory landscapes. Our exhibition offers the best opportunity to meet, network and connect with companies and organizations in the renewable energy industry. READ MORE



Nordic Wood Biorefinery Conference October 23-25, 2012 Helsinki, Finland

The international event, Nordic Wood Biorefinery Conference (NWBC), is the leading meeting forum for wood biorefinery professionals. The next event will be held in Helsinki in October, 2012. This conference is jointly organised by VTT and Innventia. The conference language will be English.

The organisers wish to invite all persons interested in wood-based biorefining to the NWBC 2012!

The conference programme will consist of keynote lectures, invited and submitted papers, as well as poster presentations. In line with the previous NWBC conferences, the presentations will give a comprehensive overview of the recent progress in wood biorefining research and commercialisation.

The programme will cover the following main topics:

- Industrial wood biorefining projects, including pulp mill modifications
- Emerging new wood biorefineries and biorefinery products
- Key research programmes and projects
- Socio-economic aspects of wood biorefining
- Policy issues relevant to biorefining
- Market aspects <u>READ MORE</u>

You Can Help, too!

Currently, the people putting this together for you 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 <u>Volunteer Job Openings pages</u> on our web site or just give us a call (301-644-1395) or send an email: <u>info@AdvancedBiofuelsUSA.org</u>. 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. <u>DONATE</u> now! We'll send a special card acknowledging your gift.

You are welcome to host a fundraiser for us, too. Have a house party to educate family and friends about advanced biofuels and take up a collection for us. Even \$100 helps pay for ink for office printers. 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

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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