



Truly Sustainable Renewable Future



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*Occasional updates about Advanced Biofuels USA
Promoting understanding, use and development of truly sustainable, renewable fuels*

Coming Advanced Biofuels Events (details at www.AdvancedBiofuelsUSA.org)

- Platt's 2nd Annual Advanced Biofuels Conference, June 4-5, Washington, DC
- National Algae Association Commercialization Workshop June 12, Orlando, FL
- Go Green Energy Conference, June 29, Frederick, MD
- 2009 Biodiesel Collective Conference, Jul 31-Aug 2, Washington, D.C.
- Fuel Ethanol Workshop and Expo June 15-18, Denver, CO
- 4th Annual Biofuels & Jatropha Conference, Indonesia, June 29-July 1
- Advanced Biofuels Workshop June 15, Denver, CO
- Farm to Fuel Summit, July 29-31, Orlando, FL

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

Happenings On Capitol Hill, the White House and In Federal Agencies



Hearings! (details at www.AdvancedBiofuelsUSA.org)

- Public Hearings: Environmental Impact Statements for Biomass Crop Assistance Program May-June Various US Locations
- EPA Hearing on Proposed Rule: "Regulation of Fuels and Fuel Additives: Changes to Renewable Fuel Standard Program" June 9, Washington, DC
- EPA Holds Greenhouse Gas Analysis Workshop June 10-11, Washington, DC

Hot Topics!

Obama Praises Advanced Biofuels

In his May 27, 2009, [letter to the Governors' Biofuels Coalition](#), President Obama noted, "Advanced renewable transportation fuels will be one of the nation's most important industries in the 21st Century. Combined with improved energy efficiency, biofuels are the primary near-term option for insulating consumers against future oil price shocks and for lowering the transportation sector's carbon footprint."

International Indirect Land Use Change Analysis

In a [letter to the California Air Resources Board](#) (CARB), about 100 scientists in the area of biomass to energy research described the international indirect land use change analysis like this:

"(T)his effect is not the direct land conversion from growing crops for fuel. It is the alleged indirect, price-induced land conversion effect that could occur in the world economy as a result of any increase in demand

for agricultural production. The ability to predict this alleged effect depends on using an economic model to predict worldwide carbon effects, and the outcomes are unusually sensitive to the assumptions made by the researchers conducting the model runs. In addition, this field of science is in its nascent stage, is controversial in much of the scientific community....}" Included in the proposed Waxman-Markey legislation, proposed EPA analysis of how advanced biofuels meet the greenhouse gas emissions qualifications in the Renewable Fuels Standards (RFS2), and in CARB's proposed state regulations of automobile emissions, is this new, untested, controversial analysis.

Concerns have been raised by Advanced Biofuels USA and board member, Bob Kozak of Atlantic Biomass Conversions, Inc. See the Advanced Biofuels [opinions](#) section and [general opinions](#) posts at www.AdvancedBiofuelsUSA.org for details. In general:

- Greenhouse gases, including carbon dioxide, regardless of source, should be assessed accurately and fairly.
- A "level playing field" should be established that not only takes into consideration the emissions from new biofuels compared to gasoline, but also any fuel (including coal and nuclear) which power cars, trucks, trains and planes.
- If the evaluation of greenhouse gas emissions' impact for biofuels is calculated "from seed to wheel," then evaluation of other transportation power sources (including petroleum, natural gas, compressed natural gas, nuclear, coal, hydropower, solar, wind, etc.) should be calculated "from mine to wheel." ...
- We must be serious about all aspects of land use and their impact on greenhouse gas emissions. This includes considering the conversion of agricultural land to residential and industrial use; not only the conversion of agricultural or fallow lands to energy crop production. And land use changes resulting from damming of streams for hydroelectric power.
- We must use peer-reviewed, respected science to make these assessments



E15 and the Blend Wall

Currently, ethanol content of gasoline blends recommended for your basic gasoline-powered vehicles is no more than 10%. Low and behold, our bioethanol production capacity (even without any cellulosic ethanol included) is more than the market at the rate of 10% can bear.

One way to expand the market for bioethanol is to get more Flex Fuel vehicles on the road—vehicles that can use up to 85% ethanol/gasoline blends (E85). Another way is to expand the percent of ethanol that can be blended with gasoline. EPA is in charge of regulating those blends. The process of obtaining permission to increase the blend concentration is underway. The main sticking point concerns how well the cars on the road today, which were not built to run on higher ethanol blends, will survive. It will damage the reputation of all biofuels if increased concentrations of bioethanol with gasoline cause (or are perceived to cause) damage to vehicles or cause inconvenience to drivers.

With regard to the EPA process, EPA has extended the comment period related to the waiver application to increase the allowable ethanol content of gasoline to 15 volume percent. Under the Federal Register Notice, published April 21, 2009, the public comment period was set to end on May 21, 2009. EPA extended the comment period an additional 60 days until July 20, 2009. This extension of the comment period is provided to allow the public additional time to respond to the legal and technical issues raised in the application. [READ MORE](#)

The EPA and Department of Energy are currently testing the effects of higher blend rates on engine performance and emissions. Keep an eye on www.AdvancedBiofuelsUSA.org for the latest in developments related to the blend wall.

Advanced Biofuels USA In The News

Isn't the Internet wonderful! Even if you don't get the publication or are out of broadcast range, you can see and hear Advanced Biofuels USA in the news.



[Storing Energy in Electric Cars?](#) Letter to the Editor: Washington Post March 28, 2009

[Organization Promotes Advanced Biofuels](#) May 25, 2009

[KRSN AM 1490](#), Los Alamos Venus Transit Authority Show May 26, 2009

Come visit us on [Facebook!](#)

Advanced Biofuels USA Web Site Resource Page: News Resources

Certainly, valuable resources are scattered all through the Advanced Biofuels USA web site. To further our purpose to serve as a sort of "clearing house" for information related to advanced biofuels, our Resources page includes links to news sources (excerpts below), other business and government, lists of supportive organizations and companies and projects involved in advanced biofuels.

To give you a flavor of our [Resources page](#), here are examples of sources of news about advanced biofuels.

News from the [U.S. Department of Energy Biomass Program](#)

News from the [Biomass Research and Development Initiative](#)

[Environmental and Energy Study Institute Biomass, Climate Change and Oil Reduction News](#)

[Green Jobs Listing](#)

[Biofuels Journal](#)

[Biofuels, Bioproducts and Biorefining Journal](#)

News from the [Green Car Congress](#)

[Biofuels Digest](#)

[Biobased News](#)

[Biofuels International Magazine](#)

[Ethanol Producer Magazine](#)

[Biofuels International Magazine](#)

Volunteers Kicking

An update on recent volunteer efforts:

- Bob Rhudy and Deborah Foshee provided pro bono legal advice as we amended corporate documents and prepared our filing with the IRS for recognition as a 501(c)3 nonprofit organization.
- Bob Kozak for briefing us on complex ILUC and EPA Clean Air Act regulatory matters—and for sharing the formal [comments](#) he filed on those issues.
- Stephanie Jaar and Jason Feaga for working on our Facebook listing and generally consulting on web site issues.
- Jeffrey Chia-Chieh Hong, Soyesh Lakhey and Greg Malone, MBA students at the Robert H. Smith School of Business, University of Maryland, came together to provide a comprehensive fundraising and development strategy for Advanced Biofuels USA as a summer project.



You Can Help, Too!



You know that our mission to promote the understanding, development, use and acceptance of renewable, sustainable advanced biofuels 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 agricultural resources; and to provide for a safe and healthy future for the planet.

Advanced Biofuels USA needs your support to reach our goals in this grand effort. Email jivancic@advancedbiofuels.org to find out how you can be a sponsor of specific projects or – oh, so very important – how you can assure the continued day-to-day existence of this endeavor.

Advanced Biofuels USA will grow along with this nascent industry. At this time, we have a number of [openings for volunteer professionals](#). View our job openings Key among these positions are those involved in development and fundraising. Without substantial funds, we will be unable to reach our lofty and important goals.

If you have any questions or suggestions—or what to contribute to our success in any way, don't hesitate to call me at 301-644-1395 or write to jivancic@advancedbiofuelsUSA.org

Here's to a sustainable renewable future!

Joanne Ivancic
President and Executive Director



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