

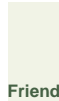
Waning Support for Biofuels? New Newsletter Format! News Section features federal legislation, regulation, litigation. Plus Educational Resources. And Advanced Biofuels USA activities.

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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.



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**Reminder - Advanced Biofuels USA Split Newsletter into Two Parts:
Conference Calendar and Events; and News and Happenings**



To help you find what you need when you need it, we've introduced a new format for the Advanced Biofuels USA monthly newsletter.

The **Conference Calendar**, a chronological listing of biofuels-related conferences around the world, along with announcements of speaking, presenting and poster opportunities will provide a quick view of events.



This section of the newsletter will also include information about Advanced Biofuels USA's presence at up-coming events.

The **News and Happenings Newsletter (this one)** will provide information about advanced biofuels policy development, recent articles about federal legislation, litigation and regulations; and about Advanced Biofuels USA activities, policy papers, press releases, statements and original articles.

New educational resources will also get the spotlight in this section of the newsletter.

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

Thoughts about How Much the Obama Administration Invests in Advanced Biofuels Research Compared to Other Projects--And What YOU Can Do about It



The unfinished MOX plutonium fuel factory is 12 years behind schedule and 750% over budget! The ill-fated MOX program was planned to remanufacture atomic bomb cores into experimental reactor fuel which, once irradiated in a nuclear reactor would be "self-protecting" because of its high radiation field. There are no reactors lined up to irradiate MOX, so the project has been dubbed "The Factory to Nowhere."
Photo: ©2013 High Flyer

A section of the publicly-available PowerPoint [presentation slides](#) on the Advanced Biofuels USA website poses the question, "If Climate Change Mitigation Was REALLY Important... Wouldn't we treat it as important?" and compares US federal funding of projects.

For example, we ask, "Is the money your government puts into research to develop sustainable advanced biofuels on the same level as money spent for other national security priorities?" The **annual budget** for USDA and Department of Energy biofuel



and biocrop research amounts to about **one half the cost of just one fully developed and equipped F-35 jet fighter/bomber** of the hundreds the US military will buy each year for the next decade.

In a new article taking the same approach, **Robert Kozak compares** the new DOE Incubator 2 proposed grant funding amounts (just \$10 million dollars over two years) to the "north of \$1 BILLION PER YEAR" **DOE Secretary Ernest Moniz** plans to continue spending FOR DECADES on a discredited plutonium recycling project in South



Carolina. And to the current cost of the criticized Iraq air campaign which goes through nearly the entire cost of this biofuels research program in ONE DAY.

Now, if there were many biofuels research projects being funded by the government, this paltry amount in one program might not be anything to complain about. However, the couple of other programs (BRDI, SBIR) announced this year don't amount to a hill of beans, either.

If this country or any other is REALLY serious about energy security, economic development (rural and urban), military flexibility, pollution control and carbon emissions reductions, we should expect much more funding and many more projects aimed at these policy goals.

Make it a part of YOUR questions for, and evaluation of, [candidates](#) in the coming

elections. That's the least we can do.

And, for all of you working and studying to achieve these goals, don't let this discourage you; let it motivate you to keep on with even more dedication in the face of these great odds. We can't afford to lose any of you from this effort. [READ MORE](#)

Latest Federal Legislation Posts



August is summer recess for Capitol Hill, nevertheless, a few bits of legislation made the news. Here are some of our [latest postings](#). For more legislative news, [click here](#).

We also follow policy developments in the US, other countries and states. For more information on those topics, click on the name of the country or state that appear on the right margin at www.AdvancedBiofuelsUSA.org.

Bush Calls out EPA Climate Rules as 'Irresponsible' Overreach

by John Siciliano (Washington Examiner) Republican presidential hopeful Jeb Bush is calling out President Obama's climate change plan as "irresponsible," while at the same time admitting global warming is man-made and real.

...

While Bush scolds EPA ...

Celebrating a Decade of Success: The RFS Turns 10!

(Renewable Fuels Association) This Saturday marks 10 years since the Energy Policy Act of 2005 (EPAct) containing the original Renewable Fuel Standard (RFS) was signed into law by President George W. Bush. The first RFS ...

Latest Federal Regulation Posts



The Environmental Protection Agency, the Renewable Fuel Standard and renewable volume obligations continue to get media coverage, even though the final rule is not expected until November. Here are some of our [latest postings](#). Others you'll find in our [2016 Campaign](#) coverage.

FDA Releases Details of FSMA Rule, Extends

Compliance Deadlines

by Susanne Retka Schill (Ethanol Producer Magazine) Meeting a court directed deadline, the U.S. Food and Drug Administration submitted the final rule for the Food Safety Modernization Act for publication at the end of August, releasing ...

API Study Claims RFS Damage: Biofuel Producers Pan Oil Industry Study Attacking

Ethanol September 10, 2015 – 1:53 pm | No Comment

by Todd Neeley (DTN The Progressive Farmer) ... Biofuels interest groups denounced the study as a rehash of a similar effort in 2012 that made predictions that were provably false. ... Biofuels interest groups countered that the ...

Is U.S. Commitment to Renewable Fuels Waning?

by John Sedbrook (Chicago Business) ... The Obama administration has taken laudable strides to reconcile fossil fuel dependence and climate change. In the past few months, the U.S. Environmental Protection Agency announced new efforts to curb ...

Aviation and Greenhouse Gas Reductions: A Role for Renewable Jet Fuels

by Tom Ewing (Renewable Energy World) In a July 1 Federal Register notice, the U.S. Environmental Protection Agency (EPA) presented plans to control greenhouse gases (GHG) from aircraft. In August, in Washington, D.C., EPA held ...

Fuels America Ad Targets Obama, Decries RFS Proposal

(Fuels America/Ethanol Producer Magazine) Fuels America is sponsoring a full page ad Monday in the Las Vegas Review-Journal, aimed at President Obama during his appearance at the National Clean Energy Summit in Nevada, where he is ...

Is the Third Time the Charm?

by Michael McAdams (Advanced Biofuels Association/Biomass Magazine) ... As many of you know, the RFS was created to "reduce dependence on foreign sources of petroleum, increase domestic sources of energy, and help transition to alternatives to ...

The Inevitable Battle

by Tim Portz (Biomass Magazine) ... Ours is an industry looking to take market share, often in declining markets, from well-entrenched incumbents who can only be expected to rabidly defend their enviable market position. In nearly ...

Latest Federal Litigation Posts



Federal litigation news from cases of the positive collaboration between Gevo and Butamax to conclude their patent litigation to the negative impressions left by the biodiesel fraud cases, courts continue to oversee biofuels disputes.

Here are some articles posted on the Advanced Biofuels USA website. Continuing attention to the MOVES model controversy befits the importance of this technical issue.

Follow the links to the original posts to access the full articles. Find more items about federal litigation on our website [here](#).

Dean And Brenda Daniels To Prison For Biodiesel Fraud

(Southwest Florida Online) Dean Daniels, 52, Richard Smith, 57, Brenda Daniels, 45 and William Bradley, 58, all of Florida, pleaded guilty and were sentenced today in U.S. district court for charges related to a scheme ...

Butamax, Gevo Settle, Will Work Together on Market Development

(Gevo/Butamax/Ethanol Producer Magazine) Gevo Inc. and Butamax Advanced Biofuels LLC, a joint venture between BP and DuPont, announced that they have entered into worldwide patent cross-license and settlement agreements, ending a patent dispute related to ...

New Data Shows EPA's Emissions Model Regarding Ethanol is Flawed

by Kim Trinchet (Urban Air Initiative) New documents filed with the U.S Circuit Court of Appeals in Washington D.C. show that the model used by the Environmental Protection Agency (EPA) to measure tailpipe emissions inaccurately ...

Original Articles!

Grease Collection in the US: Feedstock for Biodiesel



Thanks to **Ian Winner** of Optimus Technologies for writing a white paper that helps to answer many question we get at Advanced Biofuels USA about the process and players involved with recycling used cooking oil.

"*Grease Collection in the US: Feedstock for Biodiesel*" is available [online](#) and in a [PDF](#) that can be used as a handout. The paper takes you from an explanation of the various types of grease, of FOGs, provides a description of the market and uses for used cooking oil (UCO), describes how grease collection works and lists key haulers, collectors and renderers.

We hope this will be the first of a series that answers these questions for many parts of the world; and encourages expanded collection of this valuable waste product.

As a Research and Business Analyst with Optimus Technologies, Winner studies trends and regulations related to the biofuel industry. [READ MORE](#)

Alberta Council of Technologies Publishes Suggestions for Consumers and Investors in a Truly Sustainable, Renewable Transportation Future

As an advocate on behalf of Alberta's technology-based enterprises, entrepreneurs, and industries for the creation of wealth in Alberta, the **Alberta Council of Technologies** publishes articles on a wide variety of topics.



This month's [newsletter](#) includes "Creating the New Alberta: Consider and Celebrate" in which they focus on entrepreneurs, innovators, risk takers, and technologies that are getting attention.

Billed as "Tomorrow's sustainable, renewable transportation," a piece by Advanced Biofuels USA executive director, **Joanne Ivancic**, presents a few things to think about if you want to get in on the ground floor of tomorrow's sustainable, renewable transportation energy future. It includes numerous links to resources on the [Advanced Biofuels USA website](#) that can aid in doing that preliminary research.



She suggests broadening consideration beyond feedstocks and final products; that investors and consumers, and advocates think about [precursors and intermediates](#), as well. To remember that biomass and waste/residues converted to constituent [sugars](#) serve as precursors or intermediates to not only ground and [aviation fuels](#), but [chemicals](#), [plastics](#), and [bio-based products](#), as do oils from [seed crops](#), [oil crops](#), [waste](#) and [pyrolysis](#).

Certainly, [Enerkem](#) has put [Alberta](#) on the renewables map. Ivancic encourages other entrepreneurs, investors and established companies to work on transitioning this fuel-savvy part of the world to follow Enerkem's lead. [READ MORE](#)

More Educational Resources

Classroom Materials from Chemistry and Biology in Bioenergy Interdisciplinary Workshop Available Online



The Chemistry and Biology in Bioenergy Interdisciplinary Workshop for High School Teachers sponsored by the Southeast Partnership for Integrated Biomass Supply Systems recently took place at the University of Tennessee (July 13-17). The workshop was designed to assist teachers with their standards-based classroom curricula by incorporating bioenergy-related concepts into their classroom topics.

Teachers received hands-on training with classroom modules designed by IBSS team researchers. These modules were aimed at reinforcing core science concepts such as stoichiometry, the ideal gas law, biodiversity, and genetics, among others.

You can visit the IBSS website to download bioenergy-related activities to incorporate in your classroom. There, you can also find additional outreach resources and information about the 2016 workshop. [READ MORE](#)

Is this information useful to you?

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Advanced Biofuels USA relies on Individual Contributions, Corporate Donations, In-Kind Donations and the Work of Many Volunteers to enable this organization 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](#)" button above. It's quick, easy and safe. Make it a year-long gift by making monthly installments automatically.

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