

Federal legislation, regulation, litigation. Scholarships and Competitions. 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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Quilt (detail) displayed at Lake Metroparks Farmpark, Kirtland, Ohio during 2015. As COP21 comes to a close, this quilt highlights the coming together of the many peoples and cultures who have to learn to work together for our mutual survival under shared skies. We look to the sustainable, renewable non-extraction, regenerative solutions achievable with advanced biofuels.

Reminder - Advanced Biofuels USA Split Newsletter into Two Parts: Conference Calendar, which is sent separately; and News and Happenings--this one. All can be found archived on our [NEWS page](#).

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

New Tags: [2016 US Presidential Campaign](#) and [2016 US House and Senate Campaigns](#)

ELECTION 2016 To help **you** make sustainable renewable transportation fuels part of the conversations of the 2016 campaigns, Advanced Biofuels USA is following comments by candidates as the presidential and Congressional campaign season gets underway. Click on these tags to keep in touch with the latest:

[2016 US Presidential Campaign](#) and [2016 US House and Senate Campaigns](#). To find tags on [our website](#), just scroll down to the bottom of the right margin.

Latest Federal Legislation Posts



We follow proposed and actual federal legislation. Here are some key stories. 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 appears along the right margin of our website at

www.AdvancedBiofuelsUSA.org.

[Food Waste Legislation Includes AD Provisions](#)

December 11, 2015 – 4:13 pm | [No Comment](#)

by Erin Voegel (Biomass Magazine) On Dec. 7, Rep. Chellie Pingree, D-Maine, introduced the Food Recovery Act of 2015. The bill, which aims to reduce the amount of food waste in the U.S., also contains ...

[Eric Branstad: Cruz Oil Stains](#)

December 9, 2015 – 7:08 pm | [No Comment](#)

by Douglas Burns (Des Moines CityView) Governor's son rips leading GOP presidential candidate over renewable energy — Eric Branstad, leader of a fierce grassroots organization backing renewable-energy sources like ethanol, said last Thursday that Ted ...

[Ten States Impose EV Flat Fees: Georgia Is Highest](#)

December 3, 2015 – 2:46 pm | [No Comment](#)

by Danny King (AutoBlog) Washington, Colorado, Virginia And Oregon Also On Growing List — These fees were put into place in order to offset the revenue shortfall from more fuel efficient vehicles, electrified powertrains, ...

[After Weeks of Negotiations, Congress Finalizes 5-year Transportation Bill](#)

December 2, 2015 – 11:04 am | [No Comment](#)

by Ashley Halsey III (The Washington Post) ... The long-sought bill protects funding for transit from those who argued it should be cut loose from the highway bill, increases money for pedestrian and bicycle programs that also ...

[Will Congressional Opposition to RFS Rule Lead to Reform?](#)

December 1, 2015 – 1:05 pm | [No Comment](#)

by Tiffany Stecker (E&E/Governors' Biofuels Coalition) The ink on U.S. EPA's final rule for the renewable fuel standard is barely dry, but long-standing foes in Congress are already aiming to block the biofuels program.

Yesterday, Rep. ...

[2015: A Missed Opportunity for Biofuels](#)

November 30, 2015 – 5:46 pm | [No Comment](#)

by Michael McAdams (Advanced Biofuels Association/Biomass Magazine) To say that 2015 was an overall disappointment for the biofuels industry would be an understatement. With the price of oil hovering from the high \$30s to the ...

[Advanced Biofuel Producers Applaud EPA's Final Rule, Continue Push for RFS Reform](#)

November 30, 2015 – 3:47 pm | [No Comment](#)

(Advanced Biofuels Association) In response to the Environmental Protection Agency's (EPA) release of final renewable volume obligations for 2014 through 2016 under the Renewable Fuel Standard (RFS), the Advanced Biofuels Association (ABFA) has issued the ...

...

[ABFA Speaks Out on Proposed Changes to Biodiesel Tax Credit](#)

November 23, 2015 – 6:19 pm | [No Comment](#)

(Advanced Biofuels Association) Today the Advanced Biofuels Association sent a letter to Senate Finance Committee leadership that expressed concern about changes to the biodiesel and renewable diesel blenders tax credit. The full letter is available below and ...

[Bill Aims to Create Tax Incentives for Renewable Chemicals](#)

November 20, 2015 – 2:48 pm | [No Comment](#)

by Erin Voegelé (Ethanol Producer Magazine) Sen Debbie Stabenow, D-Mich., recently introduced legislation that aims to provide tax credits for the production of renewable chemicals and investments in renewable chemical production facilities.

The Renewable Chemicals Act ...

[Biodiesel Leaders Press Congress on Reformed Tax Credit](#)

November 17, 2015 – 4:02 pm | [No Comment](#)

(National Biodiesel Board) Critical Incentive Has Remained Expired All Year — Nearly 100 biodiesel leaders from across the country will press lawmakers on Capitol Hill Tuesday to reinstate the biodiesel tax incentive as a domestic ...

Latest Federal Regulation Posts



As you see, reactions to the November 30 announcement of the renewable volume obligations under the Renewable Fuel Standard vary. Writers pointed out the contrast between President Obama's talk in Paris about the dire effects of climate change and his apparent dismissal, at the same time, of the value of a robustly enforced Renewable Fuel Standard to recycle carbon dioxide as a way to mitigate the harm caused by climate change.

Others, like the South Dakota Farmers Union, are taking matters into their own hands with some biofueled civil disobedience in the cause of improving the environment.

While VW and related companies have done the opposite, fraudulently flaunting EPA

air quality regulations in stark contradiction to their promotion of "clean diesel."

Here are some of our [latest postings](#). Others you'll find in the [Federal Regulations](#) category.

[Obama's Climate Change Hypocrisy](#)

December 11, 2015 – 3:39 pm | [No Comment](#)

by Paul Alexander (Huffington Post) Some commentators have argued President Barack Obama suffers from a failure of leadership. That was evidenced once again last week when he traveled to Paris to demand the world cut ...

[SDFU Delegates Vote to Take Pro-E30 Challenge](#)

December 11, 2015 – 2:16 pm | [No Comment](#)

by Mikkel Pates (Agweek) The South Dakota Farmers Union celebrated its 100th annual meeting by taking another step forward in history by unanimously passing a resolution that dedicates its members to use a 30 percent ...

[VW Staff Began Working on Cheat in 2005 to Break into U.S. Market](#)

December 11, 2015 – 11:15 am | [No Comment](#)

by David Rising and Kerstin Sopke (The Washington Post/Associated Press) A small group of Volkswagen engineers began working as early as 2005 on emissions cheating software after they were unable to find a technical solution ...

[EPA's Contradictory Rule Is a Gut Punch to Advanced Biofuels](#)

December 10, 2015 – 11:10 am | [No Comment](#)

by Brent Erickson (Biofuels Digest/Biotechnology Industry Organization) After a painful and damaging two-year delay, the Environmental Protection Agency (EPA) last week published Renewable Fuel Standards (RFS) for 2014, 2015 and 2016. Unfortunately, the agency finalized a ...

[EPA Won't Compel Biofuel Market Changes: Update](#)

December 9, 2015 – 7:43 pm | [No Comment](#)

(Argus Media) The Environmental Protection Agency expects sales of high-ethanol gasoline blends to climb next year but will not use federal mandates to compel retailers to offer the fuels.

The distinction, laid out in a lengthy ...

[Eric Branstad: Cruz Oil Stains](#)

December 9, 2015 – 7:08 pm | [No Comment](#)

by Douglas Burns (Des Moines CityView) Governor's son rips leading GOP presidential candidate over renewable energy — Eric Branstad, leader of a fierce grassroots organization backing renewable-energy sources like ethanol, said last Thursday that Ted ...

[RFA to EPA: New Gasoline Volatility Regulations Needed](#)

December 9, 2015 – 1:29 pm | [No Comment](#)

(Renewable Fuels Association/Ethanol Producer Magazine) In a letter submitted Dec. 8 to the U.S. EPA, the Renewable Fuels Association urged the agency to take immediate administrative action to eliminate an arcane regulatory barrier that is ...

[RINs Behavior after EPA Rule Shows Ethanol-Biodiesel Relationship](#)

December 9, 2015 – 11:10 am | [No Comment](#)

by Susanne Retka Schill (Ethanol Producer Magazine) The release of the U.S. EPA's

final rulemaking for the renewable fuel standard (RFS) was a shock to the RINs market—the renewable identification numbers used by obligated parties ...

[Does This Really Make Us More Secure?](#)

December 8, 2015 – 6:17 pm | [No Comment](#)

by Gary Truitt (1010WCSI) ... Yet, the biggest indication that the President's comments were flimflam came from within his own administration. Within hours of Mr. Obama's remarks in Paris, the EPA announced the final rule on ...

[Fiorina Wants to Earn 'A' on Ethanol](#)

December 8, 2015 – 5:07 pm | [No Comment](#)

by Douglas Burns (Daily Times Herald) Republican presidential candidate tours Coon Rapids POET plant — ... America's Renewable Future, a highly visible advocate at presidential campaign events in Iowa, scored Fiorina, a Republican, as "needs work" ...

[Keeping America Fueled by South Dakota](#)

December 8, 2015 – 5:02 pm | [No Comment](#)

by Rep. Krisit Noem (Argus Leader) ... Today, about one-third of the petroleum used in the United States is imported from foreign countries, according to the U.S. Department of Energy. Most of this petroleum is refined ...

[Michigan Corn Growers Disappointed with New Ethanol Limits](#)

December 7, 2015 – 5:38 pm | [No Comment](#)

by Andy Balaskovitz (MiBiz) ... "Any reduction in the statutory amount is a roadblock to biofuels like ethanol," said Jim Zook, executive director of the Michigan Corn Growers Association. "By failing to set (blend) levels at the ...

[Candidates Are Skipping Traditionally Mighty Farm Issues in Iowa](#)

December 7, 2015 – 5:27 pm | [No Comment](#)

by Scott Canon (Kansas City Star) ... The discussion of ethanol policy puts conservatives in an awkward spot — ...Yet even in Iowa this year, Grain Belt concerns now draw less attention than in the past. ...

[RINs Gone Wild? \(round 2\)](#)

December 7, 2015 – 4:05 pm | [No Comment](#)

by Scott Irwin and Darrel Good (FarmDocDaily) The EPA released the final rulemaking for 2014-2016 RFS standards on Monday, November 30. This release follows preliminary rulemaking released on May 29 of this year. Figures 1 ...

[EPA Rule Recognizes Biogas's Leading Role in the Advanced Biofuel Industry](#)

December 3, 2015 – 3:34 pm | [No Comment](#)

(American Biogas Council) Rule falls short of recognizing biogas industry's full potential. — The EPA released its long anticipated final rule for the renewable volume obligations under the Renewable Fuel Standard (RFS) for the years ...

[EPA's Final Renewable Fuel Standard Concerns Iowa Lawmakers](#)

December 3, 2015 – 2:37 pm | [No Comment](#)

by Peter Zampa (KFYR TV) ... The RFS program comes up billions of gallons short of the ethanol consumption requirements laid out under the original RFS plan. "With corn prices being down as they are, with the ag ...

[Ethanol Group Hits Cruz in Iowa](#)

December 3, 2015 – 2:25 pm | [No Comment](#)

by Timothy Cama (The Hill) An Iowa-based ethanol group is running advertisements against Sen. Ted Cruz, just as the GOP presidential hopeful's campaign is gaining steam in the Hawkeye State.

The ads from America's Renewable Future ...

[RFS Rule Undercuts U.S. Commitment to Reducing GHGs](#)

December 3, 2015 – 11:43 am | [No Comment](#)

(25 x '25) It was with some ironic bemusement that biofuel advocates read the headlines from the mainstream media that said the Obama administration "raised" the biofuel blending requirements under the Renewable Fuel Standard (RFS) ...

[The 2016 US Outlook for Ethanol and Biodiesel](#)

December 3, 2015 – 10:40 am | [No Comment](#)

by Jim Lane (Biofuels Digest) ... "In the old days, ethanol was a political commodity," Informa Economics Senior VP Scott Richman told the crowd assembled at the Canadian Bioeconomy Conference in Vancouver this week, organized by the ...

[Diverse Parties Say Federal Biotech Rules Confusing](#)

December 2, 2015 – 4:55 pm | [No Comment](#)

by Pat Rizzuto (BNA) The federal approach to regulating bioengineered products is a confusing labyrinth, according to companies, trade associations, advocacy groups and scientists.

Companies must follow a maze to identify which agencies may have jurisdiction ...

[Why Ethanol Makers Are Actually Relieved With New EPA Cuts](#)

December 2, 2015 – 4:46 pm | [No Comment](#)

by Robert Hackett (Fortune) ... Farmers and ethanol companies welcomed the change, according to the Wall Street Journal, since the cuts laid out earlier this year were originally more severe. But they were still dissatisfied that ...

[Jeb Bush Responds to New Ethanol Mandate](#)

December 2, 2015 – 2:46 pm | [No Comment](#)

by Jason Nobel (Des Moines Register) Jeb Bush faulted the Environmental Protection Agency for failing to provide "clarity" with the updated ethanol mandate released on Monday, but was generally supportive of the levels prescribed.

The Republican ...

[Will Congressional Opposition to RFS Rule Lead to Reform?](#)

December 1, 2015 – 1:05 pm | [No Comment](#)

by Tiffany Stecker (E&E/Governors' Biofuels Coalition) The ink on U.S. EPA's final rule for the renewable fuel standard is barely dry, but long-standing foes in Congress are already aiming to block the biofuels program.

Yesterday, Rep. ...

[Obama Dials Back Ethanol Fuel Standard](#)

December 1, 2015 – 12:58 pm | [No Comment](#)

by Tim Devaney (The Hill) The Obama administration set new standards Monday for ethanol levels in fuel, enraging competing industries that had battled for months to influence the contentious regulations.

The final renewable fuel standard (RFS) unveiled ...

[EPA Bumps up US Renewable Fuel Standard Volumes for 2015-2016, in Final Ruling](#)

December 1, 2015 – 9:39 am | [No Comment](#)

by Jim Lane (Biofuels Digest) In Washington, the U.S. Environmental Protection Agency announced final volume requirements under the Renewable Fuel Standard program today for the years 2014, 2015 and 2016, and final volume requirements for ...

[2015: A Missed Opportunity for Biofuels](#)

November 30, 2015 – 5:46 pm | [No Comment](#)

by Michael McAdams (Advanced Biofuels Association/Biomass Magazine) To say that 2015 was an overall disappointment for the biofuels industry would be an understatement. With the price of oil hovering from the high \$30s to the ...

[Advanced Biofuel Producers Applaud EPA's Final Rule, Continue Push for RFS Reform](#)

November 30, 2015 – 3:47 pm | [No Comment](#)

(Advanced Biofuels Association) In response to the Environmental Protection Agency's (EPA) release of final renewable volume obligations for 2014 through 2016 under the Renewable Fuel Standard (RFS), the Advanced Biofuels Association (ABFA) has issued the ...

[EPA Improves Final RVOs](#)

November 30, 2015 – 3:43 pm | [No Comment](#)

(Growth Energy) Final rule breaks through so-called blend wall — Growth Energy and its members are pleased to see that the President and the Environmental Protection Agency have recognized the need to move the renewable fuel ...

[RFA: EPA's Final RFS Rule Puts Future of Biofuels & Climate Policy in Hands of Oil Industry](#)

November 30, 2015 – 3:37 pm | [No Comment](#)

(Renewable Fuels Association) Today, the Environmental Protection Agency (EPA) released its final Renewable Fuel Standard (RFS) renewable volume obligations (RVOs) for 2014, 2015 and 2016 that refiners have to meet in blending biofuels with gasoline. ...

[EPA Finalizes Increases in Renewable Fuel Levels](#)

November 30, 2015 – 3:28 pm | [No Comment](#)

(U.S. Environmental Protection Agency) The U.S. Environmental Protection Agency (EPA) announced final volume requirements under the Renewable Fuel Standard (RFS) program today for the years 2014, 2015 and 2016, and final volume requirements for biomass-based ...

[Biodiesel Association Welcomes Renewable Fuels Announcement](#)

November 30, 2015 – 3:23 pm | [No Comment](#)

(National Biodiesel Board) The National Biodiesel Board (NBB) applauded the Obama administration Monday for reducing America's dependence on high-carbon fossil fuels by raising biodiesel volumes under the Renewable Fuel Standard (RFS).
"This decision means we will ...

[It's In the Plan: EPA Offers Clues on Woody Biomass Utilization](#)

November 27, 2015 – 8:41 pm | [No Comment](#)

(Environmental and Energy Study Institute) Over the past several months, biomass stakeholders have expressed frustration at the administration's failure to label the use of biomass feedstocks as carbon neutral. The pellet industry and biomass advocates ...

[EPA Review Raises Alarm in Maine over Potential Increase of Ethanol in Gasoline](#)

November 23, 2015 – 8:18 pm | [No Comment](#)

by Whit Richardson (Portland Press Herald) Critics say the change would cost drivers, farmers, fuel sellers and small-engine equipment owners. ... But that report is clearly politically motivated to sway the EPA's decision and its ...

[Algae: 2015, the Year in Review](#)

November 23, 2015 – 5:34 pm | [No Comment](#)

by Matt Carr (Algae Biomass Organization/Biofuels Digest) ... Low oil prices, company mergers or evolving business strategies may be easily spun by the skeptics as reasons to fret, but in the case of our industry they ...

[Oil and Biofuels Lobby White House on Renewable Fuel Standard Ahead of Nov. 30 Deadline](#)

November 20, 2015 – 6:52 pm | [No Comment](#)

(Environmental and Energy Study Institute) In the lead-up to the administration's release of the Renewable Fuel Standard (RFS), it's been a veritable who's who of renewable fuels and petrochemical refiners visiting the White House's Office ...

[Pelosi to Obama: Boost U.S. Biofuels Program ahead of Paris Talks](#)

November 20, 2015 – 12:04 pm | [No Comment](#)

by Chris Prentice (Reuters) U.S. House Democratic Leader Nancy Pelosi and three other lawmakers are pressing President Barack Obama not to back-peddle on the country's biofuels program just days ahead of global climate change talks ...

[GHG Emissions Reductions Due to the RFS2](#)

November 20, 2015 – 11:50 am | [No Comment](#)

by Susan Boland and Stefan Unnasch (Life Cycle Associates) The RFS2 has resulted in aggregate GHG emissions reductions from the use of biofuels, which exceed the original projections from the final Rule. The RFS2 has resulted ...

[What a Weakened RFS Program Means for the State of Iowa and this Country](#)

November 20, 2015 – 10:52 am | [No Comment](#)

by Joe Hrdlicka (Biofuels Digest/Iowa Biotechnology Association) Iowa's investment in biofuels, driven by the federal Renewable Fuel Standard (RFS), has brought the state new business and job opportunities. Iowa is home to three of the ...

[Play All Our Cards on Climate, Including Biodiesel](#)

November 19, 2015 – 11:28 am | [No Comment](#)

by former Sen. Byron Dorgan (The Hill) ... Like a smart poker player, we have to capitalize on the good cards we have. One of those is biodiesel, a renewable fuel made from recycled cooking grease, plant ...

[Rubio's Sugar Support Draws Corn, Soybean Questions](#)

November 19, 2015 – 11:14 am | [No Comment](#)

by Mackenzie Ryan (Des Moines Register) ... After Republican rival Ted Cruz took aim at sugar subsidies during last week's GOP debate, Iowa agriculture and biofuel leaders began questioning how Rubio's support for that industry compares with his stance ...

[Renewable Fuel Proponents Speaking up as EPA Decision Draws Near](#)

November 18, 2015 – 3:24 pm | [No Comment](#)

(Ohio's Country Journal) National Corn Growers Association President Chip Bowling has urged President Obama to reverse the U.S. Environmental Protection Agency's proposed cuts in the Renewable Fuel Standard's volume obligation and adhere to the statute ...

[EPA Issues Cellulosic Waiver Credit Price at \\$1.33](#)

November 18, 2015 – 11:39 am | [No Comment](#)

by Meghan Sapp (Biofuels Digest) In Washington, the Environmental Protection Agency has issued Cellulosic Waiver Credit Price Calculation for 2016 as laid out by EPA must reduce the required volume of cellulosic biofuel for that ...

[What Facts Are Really Facts?](#)

November 17, 2015 – 2:35 pm | [No Comment](#)

by Matt Reese (Ohio's Country Journal) ... The heated debate over the RFS really ramped up in recent weeks with dueling ad campaigns in Ohio and Washington, D.C. highlighting very different sets of facts pertaining ...

Latest Federal Litigation Posts



Federal litigation news sometimes overlaps with Federal Regulation items. For example, it seems that the VW "defeat device" regulatory cheating will end up in federal court. And issues about the Renewable Fuel Standard are in and out of federal courts, as well.

Here are some recent articles posted on the Advanced Biofuels USA website.

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

[Volkswagen Allocates 20 Billion Bridge Loan to 13 Banks: Sources](#)

December 3, 2015 – 12:09 pm | [No Comment](#)

by Arno Schuetze (Reuters) Volkswagen (VOWG_p.DE) has split a 20 billion euro (\$21.1 billion) bridge loan between 13 banks to help shoulder the costs of its emissions scandal, two people familiar with the matter said.
Eight banks ...

[Washington State Judge Rules that States Have a "Mandatory Duty" to "Preserve, Protect, and Enhance the Air Quality for the Current and Future Generations"](#)

November 23, 2015 – 6:08 pm | [No Comment](#)

by Jim Lane (Biofuels Digest) In Washington state, King County Superior Court Judge Hollis R. Hill issued a groundbreaking ruling that the "scientific evidence is clear that the current rates of (emissions) reduction mandated by ...

Original Articles!

E85 Retrofit Installation and Use: Topic of New Series



Here at Advanced Biofuels USA we've been banging the drum for E30 for a number of years. Equal fuel mileage, better performance, you know the facts. Well, all that time we never had a Flex Fuel car, either factory built or retrofitted.

This fall we decided to do something about that.



Our starting point was the expertise of **Robert E. Kozak**, along with **Joanne Ivancic's** bright yellow 2002 Ford Focus ZX3. The next step was selecting and obtaining a E85 retrofit kit from [Fuel Flex International](#), with thanks to **Alex Conger**.

In a series of articles, we will tell from technical and practical viewpoints what it takes to install and use the equipment. We'll share stories about the practical aspects of planning a trip around E85 station availability, the personal experience of the increased performance and results of more technical testing. Here are the first two articles:

[Walking the Walk in Advanced Biofuels USA's "E30 and Beyond Retrofitted" Focus](#)

December 9, 2015 – 4:24 pm | [No Comment](#)

by Robert E. Kozak* (Advanced Biofuels USA) Here at Advanced Biofuels USA we've been banging the drum for E30 for a number of years. Equal fuel mileage, better performance, you know the facts. Well, all that ...

[You, Too, Can Have a FlexFuel Vehicle \(or, Your Favorite Car Can Go Vegetarian\)](#)

December 8, 2015 – 11:00 pm | [No Comment](#)

by Joanne Ivancic* (Advanced Biofuels USA) Since retrofitting a 2002 Ford Focus ZX3 to a FlexFuel vehicle in mid-November, we have substituted use of home-grown renewable fuel for 63% of a barrel of fossil fuel ...



The next original story continues our series of articles exploring what it really takes to get used cooking oil into biofuels. As **Aino Siirala** and **Maija Sihvonen**, students at Aalto University in Helsinki, Finland, write, cultural differences, as well as population density, influence the economics and viability of a successful UCO recycling effort.

The [first article in this series](#), by **Ian Winner**, gave a general description of UCO collection and use in the US.

If you would like to contribute an article about UCO in other places in the world, please contact Joanne Ivancic at [info @ AdvancedBiofuelsUSA.org](mailto:info@AdvancedBiofuelsUSA.org).

The food waste recycling theme continues in **Joanne Ivancic's** Thanksgiving message.

[Used Cooking Oil Collection and Use in Finland](#)

December 10, 2015 – 12:53 pm | [No Comment](#)

by Aino Siirala* and Maija Sihvonen* (Advanced Biofuels USA) Current UCO market: In Europe, UCO (used cooking oil) collection and reuse has increased steadily during the past decade, reaching its peak in 2016. The most ...

[A Time to Take Stock: Advanced Biofuels as a Solution](#)

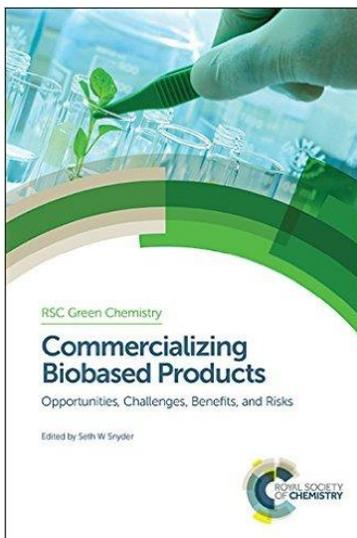
November 25, 2015 – 1:35 am | [No Comment](#)

by Joanne Ivancic* (Advanced Biofuels USA) A time for taking stock and giving thanks; for appreciating the value of creating a truly sustainable renewable energy future.

A recent press release, Vapor Capture System Fabricated by Greenbelt Resources ...

More Educational Resources

NEW BOOK Published: Commercializing Biobased Products: Opportunities, Challenges, Benefits, and Risks (RSC Green Chemistry)



Edited by **Seth W Snyder**, Argonne National Laboratory, this new text includes a chapter by Advanced Biofuels USA founder and Treasurer, **Robert E. Kozak** about US bioproducts policy (or lack thereof).

Biobased products offer substantial economic and environmental benefits, but understanding how to commercialize this requires a comprehensive look at the process, including feedstocks, technologies, product slate, supply chain, policy, financing, and environmental impact.

Covering biobased products in a broad context, this book examines the environmental

and economic impacts, compares US and EU policies, explores the factors affecting financing, and considers biological conversion, catalytic conversion, and separations.

By examining the process from several critical perspectives in the supply chain, this book provides readers with a better understanding of challenges, opportunities, risks, and benefits of commercialization. [READ MORE](#)

What others are doing

We can't emphasize enough the value of every bit of thoughtful, knowledgeable education about biofuels. Here are some examples.

[Panning for Green Gold: Developing the Algal Bioeconomy–VIDEO](#)

December 3, 2015 – 7:07 pm | [No Comment](#)

(EnAlgae) EnAlgae has been about finding sustainable pathways for algal biomass. Initially the focus was all about energy, specifically as a biofuel. But their journey over the past four years showed what we have been observing in the algae space, that the present and near future

for algae includes use as energy in food for one thing, and much more. Watch EnAlgae's half hour video to get a good overview of a multitude of uses for algae; as a solution to a myriad of problems from water treatment to human and animal nutrition, as research on algae as fuel feedstock continues. A good resource for environmental science classes. [READ MORE](#)

[The Bioenergy Quiz Is a Fun Digital Learning Tool](#)

December 3, 2015 – 6:14 pm | [No Comment](#)

(U.S. Department of Energy) Looking for a way to get your students excited about taking a quiz? Then check out the Bioenergy Technology Office's bioenergy quiz. This interactive, user-friendly tool is a great way for students to explore new concepts and learn more about how bioenergy is produced and used, and how it can help our economy and the environment. With five engaging questions designed to challenge their current knowledge, your students can explore these topics in depth by clicking the links for additional resources. [READ MORE](#)

If you can help students attend conferences, please do. It's an incredibly valuable experience.

Scholarships and Competitions

[2016 National Ethanol Conference Scholarships Sponsored by the Renewable Fuels Foundation and the Renewable Fuels Association](#) Deadline December 18, 2015

November 3, 2015 – 5:40 pm | [No Comment](#)

(Renewable Fuels Association) Now in its seventh year, the NEC Scholarship Program, sponsored by the Renewable Fuels Foundation and the Renewable Fuels Association, seeks to attract students of higher learning who wish to pursue a ...

[CBMNet Funding Announcements: Includes Undergraduate Vacation Scholarships](#)

Various deadlines

December 7, 2015 – 1:55 pm | [No Comment](#)

(Crossing Biological Membranes Network) At CBMNet we foster collaborations between academia and industry to tackle research challenges in Industrial Biotechnology and Bioenergy (IBBE). We are working to understand the mechanisms by which substances are transported into, ...

[Students, Prep Your Entries for Planet Forward Storyfest 2016!](#) Deadline February 29, 2016

October 27, 2015 – 12:10 pm | [No Comment](#)

(George Washington University) Already dense urban populations are growing. What will tomorrow's smart cities look like? How can they be sustainable? By 2050, nearly 70% of the world's population will be in urban areas, according to ...

[EPA Challenge Aims to Recycle Nutrients from Manure](#)

December 4, 2015 – 5:23 pm | [No Comment](#)

by Erin Voegele (Biomass Magazine) The U.S. EPA has opened a competition for technologies to recycle nutrients from livestock manure on Challenge.gov. The competition is being held in partnership with the USDA. The American Biogas ...

It's end-of-the-year charitable giving time!

Help Us Continue to Provide Outstanding Service. Please DONATE!



Advanced Biofuels USA, a 501(c)3 nonprofit educational organization (NOT a trade organization) 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.

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. We'll send a special card acknowledging your gift.

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