

A monthly newsletter dedicated to Teacher Resources, Student Activities, Contests, Competitions, Online Courses, Webinars and MORE about Advanced Biofuels. Scholarships, fellowships, green jobs ... [Click here to SUBSCRIBE](#)

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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.*



## Educational News and Resources

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## Featured Stories

### GROWING--This Month's Theme

#### **GROWING: A Crop Diversity Showcase at Southern Illinois University Edwardsville**

Not only is there corn growing at the NCERC (National Corn To Ethanol Research Center) at Southern Illinois University Edwardsville's University Park, SIUE students' "Feedstock Diversity Showcase" also features grain sorghum and sweet sorghum, representing conventional biofuels production, advanced biofuels production and cellulosic biofuels production.



The student group "From the Ground Up," plants different plants around campus.

"This is the only 'Feedstock Diversity Showcase' of its kind, anywhere in the world," says John Caupert, NCERC director. "Anyone who is interested in the past, present and future of sustainable biofuels production, should stop and visit."

The students plan on planting a cover crop for the winter and expanding the Showcase next year. [READ MORE](#)

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## **GROWING: Algae Online -- "Growing Green Goop" Game**



The New Mexico Natural History Museum launched an online game, “Growing Green Goop,” about growing algae for biodiesel. Lead by Bio-AI, players are invited to grow an algae crop—or to experience failure, losing the crop—using the game as a way to increase awareness about algae R&D. As the game’s intro says, “There are a lot of ways to grow algae, and lots of different types of algae to grow. The challenge is to make it cheap to grow algae so that it will cost less than other types of fuel.” It might not be as easy as you think. Try it! [READ MORE](#)

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## **Advanced Biofuels USA Makes Presentation Slides Available**

Looking for PowerPoint slides to use in your presentations? [Click here.](#)

## **Teacher Resources**

*Activities, Texts, Books, Services, Conferences, Summer Programs ...*

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[#TeachClimate Network and BookClub](#)

(Climate Generation) Do you know an educator who is looking for new ways to bring climate change into their classroom? Let them know about our #TeachClimate Network and Book Club. We meet online monthly to discuss our “best pick” climate change reads and any questions that educators bring. New this year, we’re ...

September 3, 2018 [Read Full Article](#)

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## [Growth Energy, NAAE Partner to Celebrate Ag, Biofuels Education](#)

(Growth Energy/Ethanol Producer Magazine) Sept. 20 is National Teach Ag Day, and Growth Energy is excited to partner with the National Association of Agriculture Educators to show our appreciation for all the ag teachers across the nation. This day is all about recognizing the importance of ag teachers in our schools and communities and ...

August 28, 2018 [Read Full Article](#)

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## [National Biodiesel Education Program Tweets Video on University of Idaho Biodiesel Firsts](#)

(University of Idaho National Biodiesel Education Program) The goals of the Biodiesel Fuel Education Program as originally established in Sec. 9004 of the Farm Security Investment Act of 2002 (7 U.S.C. 8104) were to stimulate biodiesel consumption and to stimulate the development of a biodiesel infrastructure. The information and outreach activities ...

August 17, 2018 [Read Full Article](#)

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## [Biochar and Torrefied Biomass Short Course — October 24-25, 2018 — University Park, PA](#)

Organized by: Penn State Extension and the Penn State Biomass Energy Center, with generous support from the Northeast Sun Grant program. About the Event Biochar and torrefied biomass represent two dramatic opportunities for energy and product development in the emerging bio-economy. However, the principles, processes, performance, and markets for these ...

August 13, 2018 [Read Full Article](#)

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## [The Horticulture Industry's Age Problem Is Bigger than You Think](#)

by Adrian Higgins (Washington Post) ... And to state something so apparent it seems forgotten: Everyone needs plants. Plants feed us, oxygenate us, heal us, shade us and clothe us. Plants are the stuff of legal booze and illicit drugs, and, perhaps more obviously, they simply delight us. Despite this ...

August 9, 2018 [Read Full Article](#)

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## [IRFA Launches Online Resource for Those Seeking Biodiesel Experts](#)

(The Iowa Renewable Fuels Association/Biodiesel Magazine) The Iowa Renewable Fuels Association announced the launch of a resource designed to make finding Iowa's biodiesel experts easier than a Google search. The Iowa Biodiesel Speakers Bureau is now live on the IRFA website. It is a collection of biodiesel experts from across the ...

August 3, 2018 [Read Full Article](#)

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## [National FFA Organization and Microsoft Announce Initiative to Bring Transformational Innovation to over 650,000 Students Bationwide](#)

(Microsoft) The National FFA Organization and Microsoft Corp., on Thursday announced their collaboration to bring innovative technology, science, research and entrepreneurship to the classrooms of the more than 650,000 FFA student members nationwide through an initiative known as Blue 365. FFA members are the future of the food industry, which is ...

August 1, 2018 [Read Full Article](#)

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More [Teacher Resources here](#).

## **News about and for Students and Schools (K-12)**

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### [Youth Climate Kickoff — October 13, 2018 — St. Paul, MN](#)

Save the date for this year's Youth Climate Kickoff on October 13, from 10:30 a.m. – 4 p.m. at Central High School in St. Paul. High school youth from across the state are invited to meet other youth, build leadership skills, and plan actions for the fall. Learn about the latest projects ...

September 3, 2018 [Read Full Article](#)

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### [Farm Camp Minnesota Tours Guardian Energy](#)

(Minnesota Bio-Fuels Association) Twenty children from Farm Camp Minnesota visited the Guardian Energy ethanol plant in Janesville yesterday to

learn about renewable energy production. Farm Camp Minnesota is an annual one day event held in three different areas of the state that offers children in grades three to six a fun ...

August 15, 2018 [Read Full Article](#)

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## [HAPPY WORLD BIOFUEL DAY! World Bio-Fuel Day 2018 Observed Globally](#)

World Biofuel day to be observed on 10th August 2018 The World Bio-Fuel Day was observed across the world on August 10, 2018 with an aim to create awareness about non fossil-fuels (green fuels). The day highlights the importance of non-fossil fuels as alternative to conventional fossil fuels and highlights the ...

August 10, 2018 [Read Full Article](#)

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## [The EnergyPath toward Renewables](#)

by Joanne Ivancic\* (Advanced Biofuels USA) EnergyPath. It's like nothing else. Funded by a lawsuit settlement more than a decade ago, EnergyPath has become the region's largest sustainable energy event, attracting industry professionals, policymakers, and academia from across the United States. Scholarships enable people with a wide range of interests ...

August 8, 2018 [Read Full Article](#)

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## [GLTS Receives \\$160,000 Grant from Baker-Polito Administration for Clean Energy Program](#)

(Greater Lawrence Technical School) Superintendent John Lavoie is pleased to announce that Greater Lawrence Technical School received a \$160,000

grant from the Baker-Polito Administration to implement a clean energy program as part of their STEAM curriculum. GLTS is just one of three schools statewide to receive the allocation from the Massachusetts Clean ...

August 3, 2018 [Read Full Article](#)

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*For more information about [K-12 activities](#) and [teacher resources](#), click on these topics in the Categories list along the right margin of the [Advanced Biofuels USA website](#). You can also find information on these topics on the [Teacher Resources](#), [For Kids](#) and [Education Resources](#) pages on the site.*

## Scholarships, Fellowships, Internships in the US and around the world

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[German Chancellor Fellowship for Tomorrow's Leaders DEADLINE: September 15, 2018](#)

The Alexander von Humboldt Foundation's German Chancellor Fellowship program is targeted at recent university graduates from the U.S. and other countries who have an international outlook and initial leadership experience. The fellowships give graduates the opportunity to spend a year in Germany networking with other prospective leaders from abroad and ... [Read Full Article](#)

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[Bioenergy Internship & Fellowship Opportunities 2018 update](#)

The U.S. Department of Energy's (DOE's) Bioenergy Technologies Office (BETO) regularly engages interns and fellows in the sciences, engineering, and liberal arts through a variety of internship and fellowship programs, including the following:

American Association for ...

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[Internships at Idaho National Laboratory](#)

(Idaho National Laboratory) As a Department of Energy facility, INL offers a diverse number of paid internship positions to high school, undergraduate and graduate level students. These internship opportunities enable students to collaborate with experienced ...

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[Association of Commonwealth Universities' Early Career Academic Grants](#)

Early Career Academic Grants are open to early career academics employed by ACU member universities, enabling them to participate in a conference held in a Commonwealth country other than their own.

A minimum of 30 grants are on ...

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[The Young African Leaders Initiative \(YALI\)](#) is a signature effort to invest in the next generation of African leaders. President Obama launched YALI in 2010 to support young African leaders as they spur growth and prosperity, strengthen democratic governance, and enhance peace and security across Africa.

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The [Mandela Washington Fellowship for Young African Leaders](#) brings 500 dynamic young African leaders, ages 25-35, from across the continent to the United States for 6 weeks of leadership training and mentoring at twenty U.S. universities and colleges in three areas: business and entrepreneurship, civic engagement and public administration.

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For more information about [Scholarships and Fellowships](#), click on those topics along the right margin of the [Advanced Biofuels USA website](#).

## Competitions, Contests

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### [Challenging Canadian Innovators to Develop Cleaner Aviation Fuel](#) **Call for proposals deadline: February 2019**

(Natural Resources Canada/Cision) Reducing the aviation industry's environmental footprint will create a more competitive and sustainable industry and is critical for our transition to a lower-carbon economy. Cleaner fuels are central to those efforts. Canada's Minister of Natural Resources, the Honourable Amarjeet Sohi, today issued a nationwide challenge to Canadians to develop ...

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### [Applications Are Now Being Accepted for the 2018 Clean Energy Education & Empowerment Awards Poster Competition! DEADLINE: September 17, 2018](#)

(Clean Energy Education & Empowerment Awards) Female undergraduates, graduate students, and postdoctoral researchers currently undertaking research in clean energy are invited to apply! Entrants with the most compelling posters will be invited to attend the 2018 C3E Symposium on December 3-4, 2018 at Stanford University to showcase their work. The ...

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### [Alberta Invests in New Clean Technology Challenge](#)

(Alberta) The Alberta government and Emissions Reduction Alberta (ERA) are encouraging biotechnology, electricity and sustainable transportation innovators to develop new clean-technology projects to cut their energy costs, while

reducing greenhouse gases. Up to \$70 million is available through the Emissions Reduction Alberta (ERA) Biotechnology, Electricity and Sustainable Transportation (BEST) Challenge. The ...

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[International Genetically Engineered Machine Competition](#) February Registration (iGEM Foundation) A pioneer in engineering biology. — The iGEM Foundation is an independent, non-profit organization dedicated to the advancement of synthetic biology, education and competition, and the development of an open community and collaboration. This ...

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#### [Student Videos on Green Chemistry](#)

(Yale University) Our Center hosted a student video competition at the 22nd Green Chemistry & Engineering conference in Portland, Oregon. The competition is part of the bigger Yale-UNIDO initiative, which aims to increase the general global ...

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#### [U.S. Department of Education Green Ribbon Schools](#)

(U.S. Department of Education) The aim of U.S. Department of Education Green Ribbon Schools (ED-GRS) is to inspire schools, districts and Institutions of Higher Education (IHEs) to strive for 21st century excellence by highlighting promising ...

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*For information about other competitions and contests, [click here](#).*

## **Webinars**

For information about [upcoming webinars, click here.](#)

For [archived webinars, click here.](#) Often they are available for viewing online.

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[WEBINAR: Freshwater Availability for Bioenergy Production in the United States – Assessment and Issues — September 17, 2018](#)

In this webinar, sponsored by the U.S. Department of Energy’s Bioenergy Technologies Office, Argonne National Laboratory will present an assessment of freshwater resource availability for U.S. production of bioenergy, as well as discuss its implication for non-bioenergy sectors. Topics will include: Assessment methodology, system boundary, and data sources Freshwater resources ...

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[WEBINAR: Approaches to Gain Trust in Sustainability of Bioenergy Through Credible Governance — September 13, 2018](#)

IEA Bioenergy invites you to participate in an international webinar entitled, “Approaches to Gain Trust in Sustainability of Bioenergy Through Credible Governance: Results from Collaboration Within IEA Bioenergy and other Research Networks” presented by Inge Stupak and moderated by C.T. (Tat) Smith. This webinar will be held on Thursday September 13, 2018 at 4:00 ...

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[WEBINARS: The Digest’s Early Stage Webinar Series — On-going](#)

July 11, 2018 This weekly one-hour webinar series will bring you hundreds of slides, perspectives, voices introducing the hottest emerging technologies, applications, markets and players in the bioeconomy.

It’s free, and you register once via a one-time sign-up, and ...

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## [WEBINARS: Sustainable Aviation Fuel: First Friday Research Highlights — on-going](#)

–Webinar series to highlight and question research areas in the sustainable aviation fuel supply chain

Join us in a series of 40 minute lunchtime talks to highlight the research areas key to supporting the creation of ...

## **Executive, Professional, Technical Training**

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### [ACE Continues Work with Service Station Owners in Mexico](#)

(American Coalition for Ethanol/Ethanol Producer Magazine) American Coalition for Ethanol Senior Vice President Ron Lamberty traveled to Chihuahua, Mexico, this week for the fourth of six technical ethanol workshops the U.S. Grains Council is holding for Mexican petroleum equipment installers and retailers. The workshops address questions and concerns of local station ...

### [How to Win the Public Policy Debate, and the Annual Government Agency Funding Battles for the Bioeconomy](#)

by Craig (CJ) Evans (American Diversified Energy Consulting Services/Lee Enterprises Consulting/Biofuels Digest) More than almost any other industry, financing for the bioeconomy is heavily influenced by and, in many cases, reliant on favorable public policies. Everyone involved in ...

### [Upcoming Ethanol Safety Seminars](#)

The Renewable Fuel Association, in partnership with several industry entities,

will be hosting a series of Ethanol Safety Seminars at various locations throughout the United States. This course was developed to give first responders, hazmat teams, fuel transporters, and safety personnel an in-depth look at proper training techniques needed when responding to an ethanol-related emergency. The seminars are FREE to attend. [READ MORE](#)

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### [Online Ethanol Emergency Response Course](#)

The Renewable Fuels Association is now offering an online version of its Ethanol Emergency Response course for first responders.

The two-hour training course, offered in partnership with the International Association of Fire Chiefs (IAFC) and TRANSCAER®, covers content from the “Training Guide to Ethanol Emergency Response,” which has recently been updated.

This new online training is targeted towards emergency responders, but is open to anyone with interest in ethanol emergency response. Upon completion of the course, participants will have knowledge related to ethanol and ethanol-blended fuels, including the use, chemical and physical characteristics, transportation modes, transfer operations, basics of foam, suggested responder tactics and strategies and environmental issues.



## **Online Courses**

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[Consortium Launches Online Algae Intro Course](#)

(Algae Industry Magazine) A new online course in algae basics has just been made available by Coursera for anyone interested in learning the fundamentals of algae. The Massive Open Online Course (MOOC), Introduction to Algae, was ...

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[Climate Generation Offers a Suite of Grades 3-12 Curriculum Resources in the form of Curriculum Guides, as Well as Online Modules that Can Be Downloaded for Free.](#)

(Climate Generation) Aligned with Minnesota state science, social studies and language arts standards, the Next Generation Science Standards and the climate and energy literacy principles, the curricula has been reviewed by scientists, professional educators, and ...

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[RFA Develops 'Ethanol in the Classroom' Program](#)

by Cindy Zimmerman (Energy.AgWired.com) The Renewable Fuels Association has developed a new on-line educational program designed to help tomorrow's consumers get to know ethanol.

The new "Ethanol in the Classroom" course provides a fun and interactive way ...

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[@EthanolRFA Offers Online #Ethanol Emergency Course](#)

by Joanna Schroeder (Energy.AgWired.com) For first responders unable to attend in-person training courses, the Renewable Fuels Association (RFA) is now offering an online version of its Ethanol Emergency Response course. Offered in partnership with the ...

**Consumer Education**

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## [NATSO Alternative Fuels Council Prioritizes Biodiesel Fuel Quality](#)

by Jeff Hove (Biodiesel Magazine/Alternative Fuels Council) Alternative fuels such as biodiesel represent an important growth opportunity for fuel marketers nationwide. But for many fuel retailers, myriad state and federal regulations and incentives for alternative fuels can be complex and overwhelming. — ... To help fuel retailers leverage the resources necessary to ...

August 28, 2018 [Read Full Article](#)

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## [UNIDO Promoting Ethanol Clean Cooking in Tanzania](#)

by Meghan Sapp (Biofuels Digest) In Tanzania, UNIDO is promoting a project to roll out the use of ethanol clean cookstoves in an effort to reduce charcoal use for cooking. The Global Environment Fund project will see 110,000 stoves distributed amongst 500,000 families in the greater urban area while promoting local private ...

August 23, 2018 [Read Full Article](#)

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## [Pennsylvania's Next Biorefinery: Discussion Held at the Penn State Energy Days Annual Conference, 2018](#)

by Anahita Bharadwaj (Pennsylvania State University for Advanced Biofuels USA) Energy Days, 2018 at The Pennsylvania State University- University Park, brought together leading researchers, government agencies, industries, non-profit organizations and academics in the field of energy to understand the current challenges in this area. This year saw some inspiring and enthusiastic ..

August 22, 2018 [Read Full Article](#)

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## [HAPPY WORLD BIOFUEL DAY! World Bio-Fuel Day 2018 Observed Globally](#)

World Biofuel day to be observed on 10th August 2018 The World Bio-Fuel Day was observed across the world on August 10, 2018 with an aim to create awareness about non fossil-fuels (green fuels). The day highlights the importance of non-fossil fuels as alternative to conventional fossil fuels and highlights the ...

August 10, 2018 [Read Full Article](#)

### **Featured Study Programs**

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Do you have a special program related to biofuels? Let us know.

### **Green Jobs in the US and Around the World**

**What kinds of jobs are there in the bioeconomy around the world? Who might be hiring? What companies are expanding? Find leads and background information in this month's articles about advanced biofuels and the bioeconomy. [Click here for Green Jobs Lists and Company Career pages.](#)**

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### [The Wonder from Down Under, Canada-Style: The Digest's 2018 Multi-Slide Guide to Licella, Canfor](#)

by Jim Lane (Biofuels Digest) Licella produces drop-in biofuels from a wide range of biomass and uses a supercritical water-based technology and catalysts to break up biomass and reform it into a drop-in fuel hydrocarbon. The

compelling features of supercritical are several: 1. It uses all of the biomass, including lignin.

September 4, 2018 [Read Full Article](#)

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## [Spit-Activated Biobased Batteries, Glow-in-the-Dark Trees, Kombucha Clothes, Biobased Root Canals, Breakthroughs in Degradable Plastics, Straws: The Digest's Top 10 Innovations for the week of August 29th](#)

by Jim Lane (Biofuels Digest) Here are the top innovations in the advanced bioeconomy for the week of August 29th. Yep, it's been a heck of a week if you're looking for any of the following: Spit-activated, biobased batteries, glow-in-the-dark trees, kombucha clothes, Hydrogels for biobased root canals, Breakthroughs in degradable ...

September 1, 2018 [Read Full Article](#)

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## [Canadian Competition Aims to Develop Sustainable Aviation Fuels DEADLINE: February 2019](#)

by Erin Voegele (Biomass Magazine) Natural Resources Canada recently announced the Sky's the Limit Challenge, which aims to stimulate the development of sustainable aviation fuel supply chains. The challenge consists of two competitions and aims to reduce greenhouse gas (GHG) emissions and lower the environmental footprint of flying. While the Canadian ...

September 1, 2018 [Read Full Article](#)

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## [Aalto University, VTT Sign Bioeconomy Agreement](#)

(VTT Technical Research Centre of Finland/Biomass Magazine) On Aug. 23, Aalto University and VTT Technical Research Centre of Finland signed a collaboration agreement on the CERES flagship program and took a concrete step towards a joint innovation ecosystem in the field of bioeconomy. The aim is to develop materials from renewable ...

August 31, 2018 [Read Full Article](#)

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## [Advanced Biofuels Canada Clarifies Concerns, Statements on Proposed Clean Fuel Standard](#)

(Advanced Biofuels Canada/EIN PressWire) A recent federal decision to prioritize liquid fuels in the Clean Fuel Standard addresses many stakeholder concerns but misunderstanding of regulation continues — Canada's national industry voice for the low carbon biofuels necessary for Canada to implement a successful Clean Fuel Standard (CFS) is providing commentary on statements ...

August 30, 2018 [Read Full Article](#)

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## [RNG Energy Solutions and Philadelphia Energy Solutions Partner to Form Point Breeze Renewable Energy](#)

(Philadelphia Energy Solutions) RNG Energy Solutions (RNG Energy) and Philadelphia Energy Solutions Refining and Marketing LLC (PES) announced today that they have completed and executed several contracts including a long-term renewable natural gas sales agreement and site lease agreement to build a state-of-the-art anaerobic digester facility. The facility will be named ...

August 30, 2018 [Read Full Article](#)

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## [Energy Company Pitches Biofuel Plant](#)

by Courtney Vaughn (Columbia County Spotlight) NEXT Energy wants to develop 80-acre site near Port Westward, hire 210 people — NEXT Energy Group, Inc. announced plans in July for a new renewable fuel production site that would yield 37,500 barrels a day of renewable diesel and propane, along with “green jet fuels.” The ...

August 28, 2018 [Read Full Article](#)

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## [Jatropha Biodiesel Project Back on Track](#)

by Debra Matabvu (Sunday Mail) Conceived 12 years ago when the country was in the throes of biting fuel shortages, the jatropha biodiesel project – which was premised on cutting the country’s fuel import bill – seemingly suffered a stillbirth. The multi-million dollar jatropha processing plant in Mt Hampden, which was touted ...

August 27, 2018 [Read Full Article](#)

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## [Cielo Announces Achievement of Milestone: First Production of Raw Distillates from Renewable Diesel Refinery](#)

(Cielo Waste Solutions Corp/Digital Journal) (“Cielo” or the “Company”) (CSE: CMC) announces that it has achieved a milestone with the first production of raw distillate (renewable fuels) from its first commercial refinery in Aldersyde, Alberta (the “Refinery”) that uses its patent-pending technology, which converts garbage-derived feedstocks, including all plastics, sorted ...

August 24, 2018 [Read Full Article](#)

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## [Egyptian Firm to Turn Tonnes of Rubbish into Electricity, Bio-Diesel](#)

by Jeffrey Gogo (The Herald) Emerging energy firm Tawanda Energy Ltd has agreed a deal with Egyptian financier and project developer MAFGAIB for the construction of a \$140 million plant that converts waste to energy. The deal is still at feasibility stage, but once complete, aims to turn up to 800 tonnes ...

August 22, 2018 [Read Full Article](#)

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## [Pennsylvania's Next Biorefinery: Discussion Held at the Penn State Energy Days Annual Conference, 2018](#)

by Anahita Bharadwaj (Pennsylvania State University for Advanced Biofuels USA) Energy Days, 2018 at The Pennsylvania State University- University Park, brought together leading researchers, government agencies, industries, non-profit organizations and academics in the field of energy to understand the current challenges in this area. This year saw some inspiring and enthusiastic ...

August 22, 2018 [Read Full Article](#)

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## [27 Technologies to Produce Lower Carbon Fuels from "Second Chance Carbon" — and Its Practitioners. Who's Doing What, Where, When, Why and How?](#)

by Jim Lane (Biofuels Digest) In the EU, perhaps the most comprehensive and useful guide to fuels and chemicals produced from "Recycled carbon fuels", such as those produced from waste plastics or waste industrial gases, appeared from the gurus at E4Tech. And, there's the world of alternative fuels and chemicals produced from ...

August 22, 2018 [Read Full Article](#)

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## [Red River Biorefinery Will Break Ground Wednesday in Grand Forks](#)

by April Baumgarten (Grand Forks Herald) A Grand Forks biorefinery that will turn sugar beet waste into ethanol will break ground this week. City, state and economic leaders are expected to speak Wednesday at the ceremony for the Red River Biorefinery, an 80,000-square-foot facility that will convert more than 500,000 metric ...

August 22, 2018 [Read Full Article](#)

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## [The Key to Big Profits in Clean Energy: Animal Fats](#)

by Sarah Kent (Wall Street Journal) In the global push for cleaner energy, one Finnish oil company fuels its growth by making diesel from animal fat — One of the best-performing stocks in the global oil sector this year is a company that makes most of its money without touching crude. Finnish ...

August 15, 2018 [Read Full Article](#)

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## [BPCL Gets Green Nod for Rs 747 Crore Ethanol Project in Odisha](#)

(Economic Times Auto) The ethanol bio-refinery with a capacity of 100 kilo litre per day (KLPD) will be set up at Baulsingha village in Bargarh district in an area of 58.44 acres. — State-run Bharat Petroleum Corp Ltd (BPCL) has been given green nod for setting up a second generation ethanol plant in Odisha ...

August 14, 2018 [Read Full Article](#)

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## [Wisconsin Dairy Farm Will Produce Biogas to Power Californian Fleets](#)

(NGV Journal) Wisconsin-based Ponderosa Dairy has partnered with ... DTE Energy and Rev LNG LLC to break ground on a state of the art natural gas processing facility at the Pagel Farm in Kewaunee. The new plant will create renewable natural gas that is generated by cow manure. It will ...

August 13, 2018 [Read Full Article](#)

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## [Colorado's Alternative Energy Economy Boosted by Wind and Biofuels](#)

by Aldo Svaldi (Denver Post) Advanced energy job gains slowed last year, but should recover in 2018 — Mention alternative energy, and rooftop solar panels and electric vehicles may come to mind. But in Colorado, a disproportionate share of jobs in that emerging part of the economy are tied to wind ...

August 13, 2018 [Read Full Article](#)

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## [North Dakota Refinery Seeks to Become Renewable Diesel Plant](#)

(My Plainview) The owner of a small crude oil refinery in North Dakota is seeking to convert the facility to process vegetable oil into renewable diesel instead of continuing to make petroleum. The Andeavor Dickinson Refinery applied for an air quality permit from the state Department of Health to process locally ...

August 7, 2018 [Read Full Article](#)

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## [Montana's \(bio\) Materials Maestros: The Digest's 2018 Multi-Slide Guide to Blue Marble Biomaterials](#)

by Jim Lane (Biofuels Digest) When it comes to Blue Marble's coordinates in the bioeconomy star-field, think advanced flavorings made from seemingly impossible materials. Most recently we reported that Missoula's Masters of Metamorphosis this past summer released a highly sought after U.S. and E.U. Natural version of bacon dithiazine (bacon flavor ingredient) ...

August 6, 2018 [Read Full Article](#)

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## [Diversification: FG to Boost Jatropha Production](#)

by O.C. Cluss (Daily Trust) The Federal Government is to focus more on the development of jatropha production as part of efforts to diversify the nation's economy, the Director-General, Raw Materials Research and Development Council (RMRDC), Dr. Hussaini Doko Ibrahim, has said. The DG, who spoke at the distribution of improved ...

August 3, 2018 [Read Full Article](#)

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## [NNPC Pledges 5 Million Jobs With Bio-Fuels Soon](#)

(NTA) The Nigeria National Petroleum Corporation (NNPC), on Wednesday pledged that more than five million jobs would soon be created to alleviate the unemployment levels in the country. The Group Managing Director of the NNPC, Dr Maikanti Baru, said this in a lecture he gave at the 12th Mechanical Engineers Distinguished ...

August 2, 2018 [Read Full Article](#)

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## [The Digest's Top 10 Innovations for the Week of August 2nd: Waste Plastics for Fuels and Sneakers, Eggs without the Chicken, 3D Printing, Algae-Based Ketchup Packaging, Green Funerals, Biodegradable Grills](#)

by Jim Lane (Biofuels Digest) The pace of invention and change is just too strong, we've realized, to highlight annual or even quarterly or monthly rankings and summaries of significant product and service advances. For now, we're going to be tracking these on a weekly basis to keep pace with the ...

August 2, 2018 [Read Full Article](#)

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## [FAO Offers CSA Sourcebook to Guide Policy Makers, Program Managers](#)

(North American Climate Smart Agriculture Alliance) A digitized sourcebook that offers a wide range of knowledge and expertise on the concept of Climate Smart Agriculture (CSA) is among a series of products put out by the UN Food and Agriculture Organization (FAO) in recent months. The CSA sourcebook is a resource that can ...

August 1, 2018 [Read Full Article](#)

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## **Requests for Speakers, Posters, Presenters**

For information about conferences seeking speakers, posters and presenters, [click here.](#)

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## Grants

For information about [grants, click here.](#)

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## Latest News about University/College Research

For articles about recent developments in university/college research, [click here.](#)

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Also, what you would like to see in this Advanced Biofuels  
Education Newsletter?

If you have contributions, lesson plans, experiments or news you would like to share,  
please contact

Joanne Ivancic at [info @ AdvancedBiofuelsUSA.org](mailto:info@AdvancedBiofuelsUSA.org)

or call 301-644-1395

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