

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

From Nigeria and Kenya to Missouri and US DOE

Nigerian University to Make Biodiesel from Jatropha



The University of Ilorin in Nigeria will soon be using mini-refinery equipment that will process the flowering non-food plant known as Jatropha. Professor L. Ajibade elaborated that people from the community would be encouraged to bring Jatropha seeds to the mini-refinery so that the seeds could be milled, pressed, and transformed into biodiesel.

The University of Ilorin is recognized nationally for its contribution to the production of biodiesel. The Jatropha Curcas plant has the potential to be a significant source of income for local farmers if the plant becomes the leading choice of oil producing plant as feedstock for biodiesel production. [READ](#)

[MORE](#)

Rockwood Summit High School Students Wrapped a 1992 Ford F250 and "Pick Up" Used Washington University Cooking Oil



National Biodiesel Board (NBB) announced five winners of annual vehicle wrap program. NBB director of communications, The annual biodiesel vehicle wrap program provides matching funds to help consumers advance the use of biodiesel by showcasing their commitment to reduced emissions and cleaner air through their vehicle wrap.

Among the winners were Rockwood Summit High School students in Fenton, Missouri who wrapped a 1992 Ford F250 fondly known as “Old Brownie”. The pick-up is used for a biodiesel partnership program called Fuel Wash U. Brownie picks up waste vegetable oil from Washington University’s kitchens and transports it to RSHS’s facility where the recycled oil is processed into biodiesel. A B50 blend is then sold back to Washington University for use in their three catering trucks for events on and off campus. Old Brownie was originally owned by the Missouri Soybean Merchandising Council and was one of the industry’s first biodiesel demonstration vehicles logging hundreds of thousands of miles on biodiesel since the early ‘90’s. [READ MORE](#)

Chemistry Teacher's Project Attracts Investors to Turn Kenya’s Troublesome Invasive Water Hyacinth into Cheap Fuel



Centre for Innovation Science and Technology in Africa, founded by former chemistry teacher Richard Arwa, is making the best out of the invasive water hyacinth.

Funded in its start-up stages by the [World Wide Fund for Nature \(WWF\)](#), the innovation company, which employs six people and serves 560 households, manufactures ethanol from the weed. This is proving a cheaper source of clean fuel for many of the locals while at the same time preserving the lake.

Water hyacinth is a weed and if not controlled on Lake Victoria, experts are concerned that the lake's water levels might drop by 60 percent. — Currently 30 square kilometres of Lake Victoria, which stretches to approximately 375 kilometres and links Tanzania, Kenya and Uganda, is covered with the evasive water hyacinth that has paralysed transport in the area.

But scientists are harvesting and fermenting the weed, and one intrepid chemistry teacher has built a business out of it. [READ MORE](#)

A Biofuel Podcast Made for Students Still Fascinated by Stories about Poo, Grease, Gunk, Sludge.

Join the US Department of Energy on this Podcast as they learn about the folks working to turn noxious waste into useful energy. Website also includes video. [READ MORE](#)

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 ...

[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 ...

[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 ...

Find More [Teacher Resources here.](#)

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

[Little Falls High School Visits Central Minnesota Renewables](#)

(Minnesota Bio-Fuels Association) Seventeen students from Little Falls High School visited the Central Minnesota Renewables (CMR) plant ... to learn more about Minnesota's bio-based chemical industry. During the tour, the students, from grades 9 to 12, learned about the various processes of acetone and butanol production at CMR, which is ...

December 26, 2018 [Read Full Article](#)

[BBE High School Visits CVEC](#)

(Minnesota Bio-Fuels Association) Twenty students from Belgrade-Broten-Elrosa (BBE) High School toured Chippewa Valley Ethanol Company (CVEC) in Benson this morning to learn about ethanol production. "School tours allow students a first-hand look at the ethanol production process and its role of advancing our local economy in addition to promoting our energy ...

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

[Springfield High School Tours Highwater Ethanol](#)

(Minnesota Bio-Fuels Association) Eighteen students from Springfield High School toured Highwater Ethanol today to learn more about homegrown renewable energy production. During the tour, the students, from grades 10 to 12, learned about the various processes in ethanol production at Highwater Ethanol, which produces 59.5 million gallons a year. "By getting ...

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

[Milaca High School Tours Central Minnesota Renewables](#)

(Minnesota Bio-Fuels Association) Thirty students from Milaca High School toured the Central Minnesota Renewables (CMR) plant today to gain a better understanding of clean Minnesota-produced renewable chemicals. The students, who are from Milaca's FFA chapter, were briefed on the various processes of bio-based chemical production such as acetone and n-butanol. "It's ...

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

[Benson High School Tours CVEC](#)

(Minnesota Bio-Fuels Association) Twenty students from Benson High School toured the Chippewa Valley Ethanol Company (CVEC) plant today to get a better understanding of how clean homegrown renewable energy is produced. During the tour, the students learned about the different stages in ethanol production including incoming grain grading, grain handling, fermentation, ...

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

[Diesel Technology Program Visits Ethanol Plant](#)

(Niagara Frontier Publications) The Diesel Technology students in Wes Blidy's class recently toured the Western New York Energy facility in Medina. The facility is the first ethanol plant in the northeast United States. They are a locally owned company with a mission of developing the full potential of Western New York's renewable energy ...

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

[Biodiesel-Powered Vehicles “Wrapped” Just in Time for Christmas](#)

(National Biodiesel Board) In keeping with the spirit of the season, five biodiesel users have unveiled new vehicle “wraps” that are helping to share their stories of sustainability and emissions reductions with area residents from Maine to the Midwest. “Our annual biodiesel vehicle wrap program provides matching funds to help biodiesel ...

December 19, 2018 [Read Full Article](#)

[School of ExxonMobil: Algae Biofuel](#)

(ExxonMobile) Discover the wonderful world of algae, along with a very inquisitive young scientist. WATCH VIDEO

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

[AI-Corn Clean Fuel Support MN FFA](#)

by Cindy Zimmerman (Energy.AgWired.com) AI-Corn Clean Fuel has been recognized by the Minnesota FFA Foundation for the company’s support of programing throughout southeast and southern Minnesota. The partnership between AI-Corn Clean Fuel and the Minnesota FFA Foundation allows for scholarship funds to assist 58 FFA chapters in select programs, including service projects. ...

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

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

[Research Experiences for Undergraduates \(REU\) DEADLINES: May 24, 2019 \(4th Friday in May\) and August 28, 2019 \(4th Wednesday in August\)](#)

(National Science Foundation) The Research Experiences for Undergraduates (REU) program supports active research participation by undergraduate students in any of the areas of research funded by the National Science Foundation. REU projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program. ...

[Undergraduates Participate in Bioenergy Research at GLBRC through REU Program](#)

by Max Witynski (Great Lakes Bioenergy Research Center) The Great Lakes Bioenergy Research Center hosted 10 REU (Research Experience for Undergraduates) students in summer 2018. Seven students participated in bioenergy-related research at Michigan State, and three at UW–Madison. We asked them to tell us a little about their interests, motivations, and/or goals related to ...

[RFA, RFF Offering Two Scholarships to National Ethanol Conference DEADLINE: January 7, 2019](#)

(Renewable Fuels Association) For the 10th consecutive year, the Renewable Fuels Association (RFA) is partnering with the Renewable Fuels Foundation (RFF) to offer scholarships to students who are interested in attending the National Ethanol Conference (NEC), scheduled for Feb. 11-13, 2019 in Orlando. Two scholarships are available to students in higher ...

[Environmental and Energy Study Institute Offers Washington, DC-Based Internships](#)

(Environmental and Energy Study Institute) Interns have the opportunity to learn the inner workings of an environmental nonprofit while contributing to our work advancing sustainable energy. EESI is an independent 501(c)(3) non-profit organization established in 1984 by a bipartisan Congressional caucus to provide timely information and develop innovative policy solutions ...

[Entrepreneurial Impact: The Digest's 2018 Multi-Slide Guide to Cyclotron Road NEXT APPLICATIONS FALL 2019](#)

Cyclotron Road is a fellowship program affiliated with the Lawrence Berkeley National Laboratory that supports leading entrepreneurial scientists as they advance a project with the potential for global impact. Since 2015, more than \$15 million has been awarded to 41 fellows who have gone on to generate more than \$75 ...

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

Competitions, Contests

[2019 Planet Forward Summit — April 4-5, 2019 — Washington, DC](#)

The 2019 Planet Forward Summit is a two-day national conference on sustainability storytelling. A diverse group of students, scientists, communicators, innovators, private sector leaders, and policymakers will share inspiring stories of our planet, and learn techniques of effective communication and compelling storytelling. On Day 2, we will celebrate and reward the ...

December 21, 2018 [Read Full Article](#)

[British Airways Launches Sustainable Aviation Fuels University Challenge DEADLINE 1: January 18, 2019](#)

(GreenAir Online) British Airways is challenging UK academics to create a new generation of sustainable aviation fuel (SAF) based on carbon reduction potential, innovation, value to the UK economy and feasibility to implement. In a collaboration with Cranfield University, a competition with a first prize of £25,000 to fund further research ...

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

[ACT Expo to Recognize Sustainable Transportation Leaders Nomination DEADLINE: February 22, 2019](#)

(ACT News) The Advanced Clean Transportation (ACT) Expo Fleet Awards are the ultimate recognition of fleet operators who show true leadership in clean transportation—having gone above and beyond to achieve sustainability in their transportation operations. To nominate a fleet, complete the one-minute nomination form by Friday, February 22nd. Awards categories include: “In It ...
December 13, 2018 [Read Full Article](#)

[Student Education and Activities at 2019 GC&E Conference and 9th Annual GSC Conference](#)

The 2019 GC&E Conference and 9th Annual GSC Conference provides a perfect venue to present your research, deepen your understanding through sessions and workshops, network with green chemistry and engineering leaders, and meet fellow peers around from around the world. POSTER COMPETITION Students participating in the poster session have a ...
November 12, 2018 [Read Full Article](#)

[NAMA Launches Student Sales Competition](#)

by Chuck Zimmerman (Energy.AgWired.com) The National Agri-Marketing Association (NAMA) is announcing plans to launch a new competition for student members in conjunction with the 2019 Agri-Marketing Conference in Kansas City. The competition will take place on Tuesday, April 9. The Student NAMA Sales Competition is an individual sales call skills challenge. With this ...
November 1, 2018 [Read Full Article](#)

[Enter 2019 Storyfest; Win Trip to Galápagos Islands Deadline: March 3, 2019](#)

(Planet Forward) Tell an inspiring story to move the Planet Forward. Enter to win our Storyfest Award. Grand Prize: A storytelling voyage through the Galápagos Islands with Lindblad Expeditions and Planet Forward in August 2019! In every corner of the planet, amazing people are working hard to figure out solutions to the environment's biggest ...

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

[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](#)

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.

[WEBINAR: RFA, TRANSCAER to Host Four Ethanol Safety Webinars in 2019 — January 15, March 19, July 2, August 13](#)

(Renewable Fuels Association) The Renewable Fuels Association, in partnership with TRANSCAER®, will host four ethanol safety webinars in 2019, beginning next month. The first webinar will be held on Jan. 15, followed by March 19, July 2, and Aug. 13. The “Train the Trainer” webinars are funded through a Federal Railroad Administration/TRANSCAER® grant.

December 21, 2018 [Read Full Article](#)

[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 ... [READ MORE](#)

Executive, Professional, Technical Training

For more information about [Executive, Professional, Technical Training](#) click on those topics along the right margin of the [Advanced Biofuels USA website](#).

[BIOGAS #HANDS ON International Engineering & Operating Training — May 7-15, 2019 — Stuttgart, Germany](#)

SAVE THE DATE This 7-day training is IBBK's premium course. The many years of experience of the German biogas experts enable the worldwide transfer of know-how through lectures and interactive workshops. The integrated lab session as well as the visits to four unique

biogas plant operations in Southern Germany complement the facts with practical insights ...

December 21, 2018 [Read Full Article](#)

[3-Day Seminar BIOGAS#TRAINING — March 11-13, 2019 — Johannesburg, South Africa](#)

The 3 day training seminar focuses on the biogas market in Africa with attention to the local characteristics of substrate selection, plant engineering, and biogas utilization. You will get practical knowledge about biogas plant operation, maintenance and the presented case studies will highlight the best methods of biogas production from biomass waste. ...

December 21, 2018 [Read Full Article](#)

[International and Irish Intensive Biogas Training: Practical Plant Planning, Digester Biology, Biogas and Digestate Upgrading — February 19-22, 2019 — Enniskillen, Northern Ireland, UK](#)

This 4 day in-depth course will provide you with practical hands on knowledge. You will learn to master today's plant operation challenges with skill. If you are A biogas plant operator or staff A farmer planning to operate an AD facility Working as a government official that is engaged with AD and ...

December 21, 2018 [Read Full Article](#)

[Industrial Biotechnology – for Non-Biotechnologists — April 10-12, 2019 — Copenhagen, Denmark](#)

Through presentations, exercises and plenary discussions participants will acquire solid knowledge of fundamental biochemistry and molecular biology and obtain an understanding of essential methods used in the biotech industry. The course enables participants to better understand and communicate with their R&D colleague's and partners, by providing participants with the necessary background needed to understand the development ...

December 5, 2018 [Read Full Article](#)

Online Courses

[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 ...

[@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 ...

For more Online Courses, [click here.](#)

Consumer Education

[American GreenFuels Takes Steps To Reduce Carbon Emissions in Connecticut As Global Carbon Emissions Reach Record High](#)

(American GreenFuels/PRNewswire) ... American GreenFuels, LLC (“American GreenFuels”) recently launched its “You Are What You Heat” campaign, which is dedicated to educate consumers about the option to heat their home with ...

[E15 Rewards For Plymouth Drivers](#)

(Minnesota Bio-Fuels Association) The Minnesota Bio-Fuels Association (MN Biofuels) and KS95 FM rewarded over 50 drivers who chose E15 (Unleaded Plus) during a two-hour promotion today at the Holiday station on ...

[Increase Public Awareness of Bio-Based Products and Applications Supporting the Growth of the European Bioeconomy](#)

(European Commission) Promoting bio-based products to consumers—A bioeconomy uses renewable resources and helps society meet current environmental challenges so consumers need to be aware of the benefits of bio-based products. Converting resources from agriculture, forestry, fisheries and aquaculture into food, bio-based products and bio-energy is a promising strategy for minimising our ...

December 26, 2018 [Read Full Article](#)

[MN Biofuels Awards Plymouth Station Holiday 2018 Distinguished Retailer; Releases 2018 Annual Report](#)

(Minnesota Bio-Fuels Association) The Minnesota Bio-Fuels Association (MN Biofuels) named Plymouth Station Holiday as its 2018 Distinguished Retailer yesterday at the release of the former's 2018 Annual Report in Prior Lake.

"Plymouth Station Holiday was one of the first stations in Minnesota to offer E15 back in 2015. Since then they ...

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

[Scaling the Ethanol 'Blend Wall' Ultimately Consumers' Decision](#)

by John Duff (Delta Farm Press/National Sorghum Producers) ... The Biofuels Infrastructure Partnership program is a grassroots effort to fund new infrastructure for e15. Selling higher blends of ethanol at convenience stores sometimes requires new equipment or modifications to existing equipment, and both require investment. With this in mind, the sorghum, ...

December 11, 2018 [Read Full Article](#)

[OPINION: Putting Consumers in the Driver's Seat with E85](#)

by Robert White (Renewable Fuels Association/Ethanol Producer Magazine) While we eagerly await EPA approval of year-round E15, let's not forget that roughly one out of every 10 vehicles on the road today is a flex fuel vehicle (FFV) that can use ethanol flex fuels containing as much as 85 percent ethanol. ...

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

[ACE's Lamberty Discusses the Benefits of E15 for Retailers](#)

by Matt Thompson (Ethanol Producer Magazine) ... American Coalition for Ethanol's Senior Vice President Ron Lamberty, discusses some of the myths surrounding E15, as well as its benefits for retailers, consumers and the environment. ... The biggest difference is if you add 5 percent more ethanol to a gallon of E10, ...

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

Featured Study Programs

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.](#)

[Midwest AgEnergy Surpasses 1 Billion Gallons Produced](#)

(AgWeek) Midwest AgEnergy, the parent company to ethanol biorefineries, Blue Flint, near Underwood, N.D., and Dakota Spirit, near Spiritwood, N.D.,

recently surpassed production of more than one billion gallons of ethanol produced company-wide. “Congratulations and thank you to our employees at Midwest AgEnergy. We are proud of the commitment and ...

December 20, 2018 [Read Full Article](#)

[American GreenFuels Takes Steps To Reduce Carbon Emissions in Connecticut As Global Carbon Emissions Reach Record High](#)

(American GreenFuels/PRNewswire) ... American GreenFuels, LLC (“American GreenFuels”) recently launched its “You Are What You Heat” campaign, which is dedicated to educate consumers about the option to heat their home with Bioheat® heating oil, utilizing certified biodiesel produced by American GreenFuels. Biodiesel is a renewable, cleaner-burning alternative to diesel fuel that ...

December 20, 2018 [Read Full Article](#)

[Biodiesel Plant Moving ahead as Planned](#)

by Collin Gallant (Medicine Hat News) An effort to build renewable diesel refineries in Medicine Hat and Grande Prairie could see a small delay but investors behind the push are “confident” they will exercise their option to build a local plant. Raphael Bohlmann, president of Renewable U, stated Tuesday that the ...

December 20, 2018 [Read Full Article](#)

[On Eleventh Anniversary, RFS2 ‘Has Unquestionably Lived Up to Its Promise’](#)

(Renewable Fuels Association) Eleven years ago today, President George W. Bush signed into law what has become the single most successful clean fuels policy in the United States—the expanded Renewable Fuel Standard (RFS2). The RFS2, included in the Energy Independence and Security Act of 2007, requires petroleum refiners and importers to ...

December 19, 2018 [Read Full Article](#)

[Calls to Turn Mallow Factory into Biofuel Plant](#)

by Sean O’Riordan (BreakingNews.ie) The Government and Greencore are being asked to turn Ireland’s last sugar factory into a biofuel plant. The former Greencore plant in Mallow, County Cork closed in controversial circumstances in May 2006 with the loss of 240 jobs. It ceased operations after 77 years as a result of ...

December 18, 2018 [Read Full Article](#)

[Opinions: Why the Time Has Come for a Green New Deal](#)

by Katrina vanden Heuvel (Washington Post) Almost 20 years ago, writer Mark Hertsgaard suggested a bold idea to upend the climate debate. Arguing that ambitious climate action was politically impossible without simultaneously meeting people’s economic needs, he proposed a massive public works program to “retrofit everything from our farms to our factories” that would be “a ...

December 18, 2018 [Read Full Article](#)

[\\$\\$\\$ from Neste, Fulcrum, Others Making Renewable Diesel a Dream Come True](#)

by Helena Tavares Kennedy (Biofuels Digest) ... By The Digest's estimates, there's been close to two billion dollars in investments in renewable diesel lately. And the capacity just keeps growing. Between World Energy, Zymergen, Phillips 66 and REG, Diamond Green Diesel, Fulcrum, Red Rock, Raj Renewables, Dynamic Fuels, and more, it's really happening....More money ...
December 17, 2018 [Read Full Article](#)

[United Airlines Could Power Jets with Biofuel Made from Trash](#)

(Chicago Tribune) A new plant in Gary, Ind., plans to turn hundreds of thousands of tons of trash into fuel, some of which could end up powering United Airlines' planes. California-based Fulcrum BioEnergy on Thursday announced plans for the \$600 million alternative fuel plant in Gary. Construction is not expected ...

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

[São Paulo Invests in Pioneering Biogas Plant](#)

(Investe São Paulo/NGV Journal) The companies Raízen and Geo Energética have merged in a joint venture to create the first plant in Brazil to generate electricity on a commercial scale from by-products of sugarcane. With an investment of R\$ 153 million and expected to generate 20 new job vacancies, the project ...

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

[Democrats Shift toward Impact on Jobs as Climate Change Moves to Front of 2020 Agenda](#)

by Michael Sherer (Washington Post) ... Democrats preparing to run for president have been rushing to shift their plans for combating climate change, highlighting an issue once considered a political liability, especially in Midwestern swing states won by President Trump. Aides to a half-dozen senators considering a 2020 campaign met with supporters ...

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

[Benefuel Looking to British Columbia for New Biodiesel Facility](#)

(Benefuel Inc./Biodiesel Magazine) Benefuel Inc. responded to British Columbia's recently publicized climate change plan that included an expanded Low Carbon Fuel Standard by announcing Dec. 11 that it has begun a site search and discussions with interested parties on a few specific locations for Benefuel's next state-of-the-art biodiesel facility. This announcement has ...

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

[Intellectual Property for Project Development](#)

by Terry Mazanec and Justin Krieger (Lee Enterprises Consulting, Kilpatrick Townsend & Stockton, LLP/Biofuels Digest) ... Careful and thoughtful planning for obtaining intellectual property protection can be crucial to the success of a company. Without such protection it is possible for another to take advantage of your hard work developing a process or ...

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

[Researchers at IT Tralee Secure over €1.2m in Funding for Research in Bioeconomy and Marine Sectors.](#)

(Institute of Technology Tralee) Institute of Technology Tralee has been awarded €1.26 million in new funding to partner in two new research initiatives. This brings to over €11m the total value of research grants secured by IT Tralee from competitive national and EU funding bodies in the past 12 months.

...

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

[Neste Strengthens Its Global Leading Position in Renewable Products with a Major Investment in Singapore](#)

(Neste) Neste Corporation has made the final investment decision on additional renewable products production capacity in Singapore. The decision is based on a growing global market demand for low-carbon solutions in transport and cities, aviation, polymers and chemicals. The investment worth approximately EUR 1.4 billion will extend Neste's renewable product overall ...

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

[2018 Farm Bill Helps Rural America Become More Resilient: Rural Economies Crucial to Combating Climate Change](#)

(Environmental and Energy Study Institute) The Environmental and Energy Study Institute (EESI) commends the Farm Bill conferees and the House and Senate Agriculture Committees for their tireless commitment to produce a Farm Bill, the Agriculture Improvement Act of 2018, this year. In a year when farmers, ranchers, and rural communities are struggling, and the agricultural ...

December 12, 2018 [Read Full Article](#)

[Iowa: Cultivating Growth in Bioprocessing](#)

by Debi Durham (Iowa Economic Development Authority/Biofuels Digest) ... Nearly \$4 billion dollars was infused into capital investments in the U.S. for renewable and bioscience projects in 2018. This significant investment is merely part of an upward trend that's yielded more than 273,000 new jobs at bioscience companies across the country since ...

December 11, 2018 [Read Full Article](#)

[New Energy Presses on with Cellulosic Ethanol](#)

by Mikkell Pates (AgWeek) New Energy Blue LLC is about five months away from finishing engineering and permitting on a \$150 million plant project that would turn wheat and corn field residue into ethanol for high-end renewable markets. If everything goes perfectly, a plant could open in 2021, says Thomas ...

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

[Meet the Scholar Crafting the 'Green New Deal'](#)

by Hannah Northey (E&E News) Think of it as the policy muscle behind the promised "Green New Deal." A policy group is being formed to support an energized progressive movement that's taken Capitol Hill by storm under the leadership of Rep.-elect Alexandria Ocasio-Cortez (D-N.Y.). It's called the New Consensus. The 501c(3) nonprofit is in ...

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

[New Refinery Floated for Western North Dakota](#)

by John Hageman (The Dickinson Press) A new refinery has been proposed for oil-rich western North Dakota, prompting questions from a local township chairman. AIC Energy Corp. filed an application earlier this month with Williams County planning and zoning officials. It described the so-called “Bakken Oil Refinery” as a 28,000 ...

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

[Delays in Biofuel Framework Hinder Industry](#)

by Paige Müller (Creamer’s Engineering News) Despite the local sugar industry championing a bioethanol fuel subsidy as a potential method to relieve the burden on sugar through demand diversification, Ethanol Producers Association of Southern Africa secretary Alf Stevens suggests that this may not have the timely impact that the local ...

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

[C.J.’s Back and REGI’s Got Her: Warner Tapped as New Renewable Energy Group CEO](#)

by Jim Lane (Biofuels Digest) In Iowa, white smoke has emerged from the REGI conclave: Tesoro EVP and former Sapphire Energy CEO C.J. Warner has been named chief exec of Renewable Energy Group, at a pivotal moment for biodiesel in Washington and around the world and amidst a boom for renewable diesel ...

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

[NCERC Pumped up with 15 Years of Success](#)

by Karen Binder (AgriNews) While most talk these days about ethanol swirls around fuel credits and marketing needs, the National Corn-to-Ethanol Research Center has quietly celebrated its 15th anniversary. And what a 15-year run it's been. "The difference is that as policies, technologies and products have evolved, the center has evolved ...

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

[RNG Industry Celebrates Growth, Honors 12 Companies](#)

by Betsy Lillian (NGT News) Today (December 4, 2028) the Coalition for Renewable Natural Gas (RNG Coalition) commenced the North American renewable natural gas (RNG) industry's annual conference program in Dana Point, Calif., by celebrating industry growth and recognizing 12 companies for their development roles in eight of the RNG production ...

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

[Ethanol Bio-Fuel: Kebbi Begins Cultivation of Cassava](#)

(PM News) The Kebbi State Government has started the cultivation 47,000 hectares of cassava as raw material for the production of ethanol bio-fuel production in the state. The Kebbi State government and Nigerian National Petroleum Corporation (NNPC) had on Nov. 23, signed a Memorandum of Understanding (MoU) for ethanol bio-fuel production ...

December 5, 2018 [Read Full Article](#)

[Evonik to Expand Sodium Methylate Capacity at Mobile, Alabama Facility](#)

(Evonik) Evonik Corporation will undertake a significant capacity expansion of its sodium methyate facility located in Mobile, Ala. Upon completion, the Mobile plant will be capable of producing up to 90,000 metric tons per year. The decision to expand capacity follows Environmental Protection Agency's (EPA) recent announcement of renewable volume obligations ...

December 5, 2018 [Read Full Article](#)

[The Laws of Biofuels Deployment, and TACs that Whack: Heard on the Floor at the CAAFI Annual Meeting](#)

by Jim Lane (Biofuels Digest) ... This year, the TAC (Technical Advisory Committee of the Biomass R&D Board) did something about as audacious and rare as shouting loud praise of open markets and democratic values on the streets of Pyongyang. The TAC actually decided to write a document about the barriers ...

December 5, 2018 [Read Full Article](#)

[Biofuel from Castor Oil: How Thabang Mabapa Is Helping Farmers](#)

by Lesetja Malope (City Press) ... Thabang Mabapa is a self-confessed curious social entrepreneur who might just have a viable alternative to the country's current fuel price crisis. He makes biofuel from castor oil extracted from castor trees and its growing demand is proving to be a disruptor in the commercial farming ...

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[CALL FOR PAPERS: IBBK Progress in Biomethane-Mobility — October 15-17, 2019 — Neubausaal Schwäbisch Hall, Germany DEADLINE: March 1, 2019](#)

Introducing the next logical step towards renewable mobility for internal combustion engines: biomethane. Thanks to modern, state of the art upgrading processes, numerous biogas plants feed their biogas directly into the natural gas grid after removing impurities and upgrading it to natural gas quality already today. In some cases, ...

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[CALL FOR PRESENTATIONS: 3rd Annual Sustainable Fleet Technology Conference — August 7-8, 2019 — Durham, NC DEADLINE: Unclear](#)

Discover the latest and greatest in sustainable fleet technology, operations, and implementation. The Sustainable Fleet Technology Conference will showcase the latest and greatest technologies in the biofuels, electric, natural gas, and propane arenas. The conference will also have a strong focus on data driven decisions and technologies. The NC Clean Energy ...

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[CALL FOR PAPERS: 4th Green & Sustainable Chemistry Conference — May 5-8, 2019 — Dresden, Germany DEADLINE: January 7, 2019](#)

This high-level conference will address a range of broad topics highlighting the role of chemistry in contributing to achieving the Sustainable Development Goals, including in developing countries. As with previous events in the series, the conference will provide a unique opportunity for researchers running start-up companies, or considering starting a ...

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[CALL FOR ABSTRACTS: Algae Biomass Summit — September 16-19, 2019 — Orlando, FL DEADLINE: January 31, 2019](#)

The Summit is the algae industry's premier event, where leading producers of algae products go to network with industry suppliers and technology providers, where project developers converse with utility executives, and where researchers and technology developers rub elbows with venture capitalists. The 2019 Algae Biomass Summit program has been redesigned ...

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[CALL FOR ABSTRACTS: International Conference on Renewable Resources & Biorefineries — June 3-5, 2019 — Toulouse, France DEADLINE: January 15, 2019](#)

Based on the previous RRB conferences, this conference is expected to welcome about 350 international participants from over 30 countries. Delegates from university, industry, governmental and non-governmental organizations

and venture capital providers will present their views on industrial biotechnology, sustainable (green) chemistry and agricultural policy related to the use of ...

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[CALL FOR ABSTRACTS, GREEN PRODUCTS FOR SHOWCASE: Green Chemistry & Engineering/ International Green and Sustainable Chemistry Conference — June 11-13, 2019 — Call for Abstracts DEADLINE: January 14, 2019](#)

Green Chemistry & Engineering/ International Green and Sustainable Chemistry Conference's Call for Abstracts is open until January 14, 2019. The symposia descriptions around this year's theme of "Closing the Loop" of the chemical life cycle can be found on <http://gcande.org/program/symposia>. Abstract acceptance notifications will go out February 25, 2019. Apply to ...

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[CALL FOR PAPERS: 7th Conference on Carbon Dioxide as Feedstock for Fuels, Chemistry and Polymers — March 20-21, 2019 — Maternushaus, Cologne, Germany DEADLINE: unclear](#)

Topics: Carbon Capture, Hydrogen, Fuels for cars and aviation, Chemicals and Polymers as well as Mineralisation and Proteins Meet the leading international experts at one of the leading events on Carbon Capture and Utilization (CCU) in the world ++ More than 200 leading international experts in CO2 utilization

and 20 exhibitors ...

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[CALL FOR ABSTRACTS: Sardinia Symposium 2019 —
September 30-October 4, 2019 — Cagliari, Italy](#)
[DEADLINE: February 15, 2019](#)

After celebrating our 30-year anniversary in 2017, the next edition of the Sardinia Symposium to be held in 2019 is looking better than ever with a success that goes from strength to strength, making the Sardinia Symposia the most important solid waste management conference in the world. The secret of ...

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

[CALL FOR PAPERS: Global Summit on Waste to Energy
\(GSWE-2019\) — February 28 – March 1, 2019 — New
Delhi, India DEADLINE: unclear](#)

The Global Summit on Waste to Energy (GSWE-2019) brings together its best ever faculty of international Waste to Energy CEOs, developers, bankers, private equity financiers, technology providers and industrial end users for two days of intensive networking. With a firm focus on advanced conversion technologies, the summit addresses the need ...

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[CALL FOR PAPERS: Biomass Trade Europe Summit —
February 20-21. 2019 — Rotterdam, The Netherlands](#)
[DEADLINE: uncertain](#)

ACI' is pleased to announce the 4th edition of a successful series of events, now with a more specific focus & name, Biomass Trade Europe Summit. The event will bring together senior executives and experts from the biomass trading industry, biomass producers, energy companies, policy makers, consultants, technology innovators and leading ...

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[CALL FOR SPEAKERS: Energy Storage 2019 — January 23-24, 2019 — Brussels, Belgium DEADLINE: uncertain](#)

Comprehensive Market Analysis To Establish The Necessary Design Changes To The Existing Model ACI's 9th Energy Storage 2019 Conference will be taking place on the 23rd and 24th of January in Brussels, Belgium. The conference will bring together senior representatives from European energy suppliers, developers of storage technologies and suppliers energy storage services, policy regulators ...

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[CALL FOR PAPERS: 2nd Global Summit on Chemistry and Chemical Engineering — February 18-19, 2019 — Frankfurt, Germany DEADLINE: unclear](#)

Aim: To promote quality research and real-world impact in an atmosphere of true international co-operation between scientists, engineers and industry by bringing together the world class researchers, International Communities and Industrial heads to discuss the latest developments and innovations in research

field. The Scientific Federation is an expert-driven non-profit international ...
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Grants

[Maine Technology Institute \(MTI\) Issues Request for Proposals for Emerging Technology Challenge for Maine's Forest Resources DEADLINE: January 25, 2019](#)

(Maine Technology Institute) MTI will award up to \$1.5 million in grants to challenge winners, for one or more projects. — The Maine Technology Institute (MTI) has announced a request for responses to the Emerging Technology Challenge for Maine's Forest Resources. The goal of the challenge is to deploy a forest industry ...

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[New SBIR and STTR Bioenergy Projects Announced! FUNDING OPPORTUNITY ANNOUNCEMENT \(FOA\) NUMBER: DE-FOA-0001941 DEADLINE: January 7, 2019](#)

(U.S. Department of Energy) The U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy announced 12 topics to fund more than 100 new projects, totaling approximately \$20 million as part of Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) research programs. Three topics announced deal directly with

...

December 18, 2018 [Read Full Article](#)

[US Forest Service Opens RFP for Wood Innovations Program DEADLINE: January 23, 2019](#)

by Erin Voegele (Biomass Magazine) The U.S. Forest Service is seeking grant applications for its Wood Innovations Program, which aims to support projects that expand wood product and wood energy markets, reduce wildfire risk, and improve forest health. The Forest Service issued the request for proposals (RFP) on Oct. 24, in...

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

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[Students Make Biodiesel from Used Vegetable Oil](#)

by Aditi Gyanesh (Times of India) What do you do with vegetable oil after use? Flush it down the drain? You could convert it into biodiesel, as PES University students have been doing for the past three years. SH Kavitha, PhD student, department of biotechnology, has been converting used vegetable oil from different sources

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