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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.



New Free Newsletter from Advanced Biofuels USA: Educational News and Resources

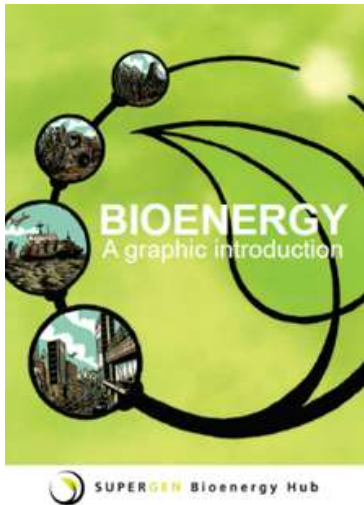
Introducing an Advanced Biofuels USA **Educational News and Resources** newsletter that will include information about *teacher resources, scholarships, fellowships, competitions and contests*; and highlight articles about *green jobs* in the advanced biofuels world. We would also like your suggestions about content. Call 301-644-1395 or email [info @ AdvancedBiofuelsUSA.org](mailto:info@AdvancedBiofuelsUSA.org) with your ideas. Thanks.

[Subscribe Now!](#)

Featured Story

Graphic Novel: A New, Imaginative and Innovative Guide to Bioenergy -- from the UK

Bioenergy: A Graphic Introduction -- Bioenergy Gets Graphic with New Illustrated Guide to the Subject



A new graphic novel which addresses big questions around bioenergy and climate change was published by The University of Manchester.

In a unique collaboration between artists and researchers working at the cutting-edge of bioenergy, the graphic novel aims to answer some of the big questions such as what is bioenergy, does growing biofuel compete with growing food, and does bioenergy really reduce greenhouse gas emissions?

It is aimed at a general audience: a handy and accessible guide for the bioenergy industry and policymakers to use in promoting the benefits and addressing some of the controversies around the subject, but also accessible for school-children.

Professor Patricia Thornley, director of the Supergen Bioenergy Hub and professor of sustainable energy systems at The University of Manchester said:

"Bioenergy has the potential to be an important part of the fight against climate change. It can come from a large number of sources – farming by-products, crops, sewage or even algae grown in the sea – and offers many benefits that other renewable sources of energy do not.

"However it can also be controversial, with people concerned about the impact on farmland for example. This graphic novel helps to explain how the work in the hub is tackling these issues. Publishing it in this engaging format helps us present a lot of information in a way that is much more accessible to people without the time or inclination to read dense reports." [READ MORE](#) [Download graphic novel](#) [PDF](#)

Educational News and Resources

Scroll down for:

- Teacher Resources
- News about and for Students and Schools (K-12)
- Scholarships, Fellowships, Internships in the US and around the world
- Competitions and Contests
- Executive or Professional Training
- Online Courses
- Featured Study Programs
- Green Jobs in the News

Use these links for more information about:

- [Grants](#) in the news
- [Requests for Speakers, Posters, Presentations](#)
- [Latest News about College/University Research](#)
- Webinars: [Ucoming](#) and [Archived](#)

Teacher Resources

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

[Energy Department Publishes Educational Resources: Bioenergy in the Classroom including Coloring Book](#)

April 28, 2017 –

(U.S. Department of Energy) The Department of Energy's Education and Workforce Development resources include:

CLASSROOM RESOURCES

Lesson Plans

Search through the Education Toolbox to find lesson plans and lab activities for use in your classroom. Filter by subject,

...

[Blue Sky Science: Could the Biofuel Cycle Be Made More Efficient?](#)

April 11, 2017 –

(Wisconsin State Journal/Morgridge Institute for Research) Questions are posed by visitors to Science Saturdays at the Discovery Building, a monthly series that features interactive exploration stations centered around a particular topic.

The Blue Sky Science team then sets out to find an expert to answer the questions.

[Textbook: Biofuels and Bioenergy](#)

April 3, 2017 –

edited by John Love and John A. Bryant (Wiley-Blackwell) With increased public and scientific attention driven by factors such as oil price spikes, the need for increased energy security, and concerns over greenhouse gas emissions ...

[In America's Heartland, Discussing Climate Change Without Saying 'Climate Change'](#)

February 2, 2017 –

by Hiroko Tabuchi (The New York Times) ... Here in north-central Kansas, America's breadbasket and conservative heartland, the economic realities of agriculture make climate change a critical business issue. At the same time, politics and social ...

[International Intensive Biogas Training — June 20-22, 2017 — Dundee, Scotland](#)

March 29, 2017 –

For the second time the Renewable Energy Association (REA) and the International Biogas and Bioenergy Center of Competence (IBBK Fachgruppe Biogas) are delighted to welcome you for a 3-day long (June 19-21, 2017) in-depth Biogas ...

[International Biogas Study Tour in Germany — May 2-5, 2017 — Stuttgart, Germany](#)

March 29, 2017 –

International Biogas Study Tour in Germany with focus on various AD-plant concepts — IBBK Fachgruppe Biogas offers a 4-day study tour starting in Stuttgart and ending in Stuttgart. This tour will lead you to several ...

[International Biogas Operating and Engineering Course — April 24-28, 2017 — Stuttgart, Germany](#)

March 29, 2017 –

This 5-day intensive biogas training is designed to provide plant operators, decision makers and investors with profound specific operating and engineering knowledge. The anaerobic digestion course is conducted in English.

The registration brochure is now available.

Improved ...

[Bioenergy Institute for Educators \(BIE\) — June 26-30, 2017 — Madison, WI DEADLINE: May 1, 2017](#)

March 28, 2017 –

(Great Lakes Bioenergy Research Center) Bioenergy is an exciting area of research and development and can provide excellent opportunities for engaging students. Join us for an intensive 5-day program to learn about the latest developments ...

[Science from Scientists, a Teacher Resource](#)

March 6, 2017

by Joanne Ivancic* (Advanced Biofuels USA) It's the personal connections you make at conferences that provide that added value that webinars and online learning just can't beat. That's how I found out about Science from ...

[Advances in Biofeedstocks and Biofuels, Volume One: Biofeedstocks and Their Processing](#)

February 18, 2017

(Scrivener Publishing) The most comprehensive and up-to-date treatment of all the possible aspects for biofeedstock processing and the production of energy from biofeedstocks.

Audience? Chemical engineers, petroleum engineers, process engineers, students in chemical engineering, biotechnology, petroleum engineering, ...

[Youth Explore Biofuel as Renewable Energy](#)

January 3, 2017

(Michigan State University Extension) Youth can explore biofuel at 4-H Renewable Energy Camp and through other 4-H science programs. — ...You can help youth explore biofuels by guiding them through an activity that shows how ...

For more opportunities for youth to explore biofuels and renewable energy, check out the [4-H Renewable Energy Camp](#) held each July through [Michigan State University Extension](#) or the [Biofuel Blast National 4-H Science Experiment](#), [Michigan State University Extension](#) and the [Michigan 4-H](#) Youth Development ...

Find more [Teacher Resources here](#).

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

[Minnesota High School Visits ADM Corn Processing](#)

April 28, 2017 –

(Minnesota Bio-Fuels Association) Twenty-one students from Minnesota High School visited the ADM Corn Processing ethanol plant here on April 19 to learn more on how Minnesota-grown renewable energy is produced.

The students, from grades nine to ...

[Children Helping UAE Biofuels Industry](#)

April 24, 2017 –

(Biofuels International) Children in the UAE have been recycling cooking oil to make biofuels as part of a new initiative.

The programme was set up by the Blue waste management company in Dubai, and involves pupils ...

[St Peter High School Visits Guardian Energy](#)

April 12, 2017 –

(Minnesota Bio-Fuels Association) Thirty-two high school students toured Guardian Energy's ethanol plant today to get a closer look at how renewable energy is produced.

The students, from St Peter High School, toured the various processes of ethanol ...

[Glencoe Silver Lake Students Tour Heartland Corn Products](#)

March 24, 2017 –

(Minnesota BioFuels Association) Eight students from Glencoe Silver Lake High School toured Heartland Corn Products today to understand how clean renewable Minnesota energy is produced.

The students, from grades 10 to 12, toured the various process ...

[5th USA Science & Engineering Festival Expo — April 7-8, 2018 — Washington, DC](#)

April 14, 2017 –

Our mission is to stimulate and sustain the interest of our nation's youth in science, technology, engineering and math (STEM) by producing and presenting the most compelling, exciting, and educational Festival in the world.

The USA ...

[A First-Hand Report: Competing in MIT'S THINK Science Competition](#)

February 27, 2017 –

by Erika Tan* (Advanced Biofuels USA) Let me introduce myself – my name is Erika Tan, and I'm a current sophomore attending Freehold High School in New Jersey. If someone had told me at the ...

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

[Bioenergy Internship & Fellowship Opportunities](#)

April 28, 2017 –

(U.S. Department of Energy) 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 ...

[Planet Forward Correspondents for 2017-18 Application DEADLINE: June 2, 2017](#)

April 25, 2017 –

(George Washington University) Lead the conversation by joining the Planet Forward Correspondents for 2017-18! Correspondents work closely with the Planet Forward team to highlight compelling characters and innovative ideas.

Pieces are featured on PlanetForward.org and ...

[National Black Farmers Association Scholarships Application DEADLINE: April 28, 2017](#)

April 20, 2017 –

(National Black Farmers Association) Scholarship Program With the National Black Farmers Association Supports African American Farmers — FCA (Fiat Chrysler Automobiles) Foundation has established a scholarship program to assist African American farmers, their dependent children ...

[Bioenergy Institute for Educators \(BIE\) — June 26-30, 2017 — Madison, WI DEADLINE: May 1, 2017](#)

March 28, 2017 –

(Great Lakes Bioenergy Research Center) Bioenergy is an exciting area of research and development and can provide excellent opportunities for engaging students. Join us for an intensive 5-day program to learn about the latest developments ...

[Travel Grants for Students to Attend October 29-November 1, 2017 Algae Biomass Summit](#)

March 27, 2017 –

(Algae Biomass Organization) The Algae Foundation has announced that it is offering \$500 travel grants for students to attend the 11th Annual Algae Biomass Summit in Salt Lake City, Utah, USA, from October 29 through ...

[Education Internships at Idaho National Laboratory](#)

March 14, 2017

(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 ...

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

February 16, 2017

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 ...

[Research Experience for Undergraduates Summer Program](#)

February 16, 2017

(Center for Bioplastics and Biocomposites) Starting with the summer of 2017, the Center for Bioplastics and Biocomposites (CB2), will be establishing a new Research Experience for Undergraduates (REU) site designed to provide undergraduate students ...

[Education 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 ...

[NIFA Announces \\$3.1 Million in Available Funding to Train the Next Generation of Agricultural Leaders](#)

(U.S. Department of Agriculture) The U.S. Department of Agriculture's (USDA) National Institute of Food and Agriculture (NIFA) today announced the availability of \$3.1 million to train the next generation of agricultural leaders. This funding is ...

[Ciba Travel Awards in Green Chemistry](#)

This annual green chemistry award sponsors the participation of students—from high school through graduate school—to attend an American Chemical Society (ACS) technical meeting, conference, or training program, having a significant green chemistry or sustainability component. ...

[CBMNet Funding Announcements: Includes Undergraduate Vacation Scholarships](#) Various deadlines (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, ...

[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.

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. In 2014, the Fellows were also hosted in Washington, D.C. for a three-day Presidential Summit featuring a Town Hall with President Obama. Following their in-depth academic coursework and leadership training, some Fellows remained in the United States to participate in eight-week professional internships with American NGOs, private companies, and governmental offices. Selected from nearly 50,000 applications, participants in the 2014 Mandela Washington Fellowship for Young African Leaders represent the extraordinary promise of an emerging generation of entrepreneurs, activists, and public officials. Upon returning to their home countries, the Fellows have access to professional development opportunities, mentoring, networking and training, and seed funding to support their ideas, businesses, and organizations.

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

Competitions, Contests

[COSIA NRG Carbon XPRIZE: Tech Innovators Stalk a Stealthy WMD](#)

April 25, 2017 –

by Jim Lane (Biofuels Digest) ... Among the climate warriors fighting CO2 build-up, perhaps the most ambitious are those who are seeking to use CO2 to make industrial materials, fuels or chemicals — displacing the need ...

[CALL FOR ABSTRACTS and STUDENT POSTERS: tcbiomass2017 — September 19-21, 2017 — Chicago, IL DEADLINE: April 15, 2017](#)

March 14, 2017 – 5:22 pm | [No Comment](#)

Researchers and technology developers are invited to share their process innovations and insights to enable the production of clean heat and power, transportation fuels, chemicals, biochar, and other high-value products. Undergraduate and graduate students whose ...

[Science & SciLifeLab Prize for Young Scientists DEADLINE: July 15, 2017](#)

March 13, 2017

(Science Magazine) This Prize was created to recognize that global economic health is dependent upon a vibrant research community and we need to encourage our best and brightest to continue in their chosen fields of ...

[Global Biobased Business Competition \(G-BiB\)](#)

(BE-Basic Foundation) The Global Biobased Business competition (G-BiB) is a competition for Master and PhD students from universities and universities of applied sciences in Germany, the Netherlands and Brazil. The objective of G-BiB is to stimulate entrepreneurship and innovation producing a biorenewable ...

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

Executive and Professional Training

[Bio-Diesel Pumping out Safe Energy](#)

(Sunday World) From the remotest part of South Africa, in the town of Kuruman, Northern Cape, Kealeboga Hoti and her business team are producing environment friendly carbon-free biofuel. — Hoti, a biochemist, is the co-founder ...

[UC San Diego Extension's Microbial Fermentation Workshop — August 16-18, 2017 — San Diego, CA](#)

Developed in partnership with UC San Diego's Division of Biological Sciences, this 3-day workshop is designed to provide a deep dive into bioreactor principles and bioprocess development. You will be equipped with the fundamental knowledge ...

[International Intensive Biogas Training — June 20-22, 2017 — Dundee, Scotland](#)

For the second time the Renewable Energy Association (REA) and the International Biogas and Bioenergy Center of Competence (IBBK Fachgruppe Biogas) are delighted to welcome you for a 3-day long (June 19-21, 2017) in-depth Biogas ...

[International Biogas Study Tour in Germany — May 2-5, 2017 — Stuttgart, Germany](#)

International Biogas Study Tour in Germany with focus on various AD-plant concepts — IBBK Fachgruppe Biogas offers a 4-day study tour starting in Stuttgart and ending in Stuttgart. This tour will lead you to several ...

[RFA Trains 200th Ethanol Industry Employee on FSMA Preventive Controls for Animal Food Requirements](#)

by Kelsey Quargnenti (Renewable Fuels Association) This month the Renewable Fuels Association (RFA) hit a major milestone with its Food Safety Modernization Act (FSMA) training program on Preventive Controls for Animal Food. During the latest course, ...

[International Biogas Operating & Engineering Course — September 12-16, 2016 — Stuttgart, Germany](#)

IBBK tailor made Biogas Training Improved concept – this years course will feature 2 blocks: Basics of the Biogas production and layout/calculation of YOUR plant based on the preconditions with the help of calculation tools.

[Upcoming Ethanol Safety Seminars](#)

The Renewable Fuel Association, in partnership with several industry entities, will be hosting a series of Ethanol Safety Seminars in 2017 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. The upcoming cities for 2017 Ethanol Safety Seminars are detailed below. To register, go to www.rfa.traincaster.com.

[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

[Advanced Biofuels Course–Special Edition — Online until June 30, 2017](#)

March 31, 2017

BioFuelNet Canada, a national research network hosted by McGill University, is offering an online certificate course on advanced biofuels. This is a special edition for engineers who would like to complete their mandated training. Anyone ...

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

August 5, 2016 –

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 ...

Featured Study Programs

[Applications Being Accepted: Ph.D. Program in Bioenergy by the Three State Universities in São Paulo \(USP, UNICAMP and UNESP\) DEADLINE: May 31, 2017](#)

April 13, 2017 –

(USP, UNICAMP and UNESP) Applications for the Ph.D. program in Bioenergy, jointly offered by the three state universities in São Paulo (USP, UNICAMP and UNESP), will be open from April 7 to May 31, 2017, for candidates starting ...

Green Jobs

Articles that feature information about jobs in the advanced biofuels world

[Explore Bioeconomy Careers with the Interactive Bioenergy Career Map Published by the U.S. Department of Energy](#)

April 28, 2017 –

(U.S. Department of Energy) Are you looking to understand how you fit within the changing bioenergy landscape or how to jumpstart your career in bioeconomy? Check out the Bioenergy Career Map—an interactive, educational tool that ...

[Science Careers Virtual Job Fair — May 4, 2017 — Online](#)

April 26, 2017 – 5:55 pm | [No Comment](#)

(Science Magazine) Science Careers has teamed up with Research in Germany to offer an exciting job fair focused on career opportunities in Germany. Meet online with representatives of German universities and research and funding organizations ...

[The 4C-able Future: The Digest's 2017 Multi-Slide Guide to Butanol and Other 4C Molecules](#)

April 26, 2017 – 11:09 am | [No Comment](#)

by Jim Lane (Biofuels Digest) In our March Madness webinar series, a popular entry has been the session on "butanol and other 4C molecules: prospects and progress". We looked at a number of companies in ...

[South Dakota State University Agricultural and Biosystems Engineering Projects Use Cutting-Edge Science to Feed and Fuel the Future](#)

April 25, 2017 –

(Farm Forum) ... Through Senior Capstone Design projects, the senior engineering students partner with innovators in the ag industry using the latest technology. The experience provides an opportunity to work on projects that will impact agriculture ...

[Opportunities to Transition Ethanol Facilities to Biochemical Refineries](#)

April 24, 2017 –

by Daniel A. Lane and Joel A. Stone (Lee Enterprises Consulting/Biofuels Digest) ... As the market for gasoline grew, a

shortage soon developed for the lighter fractions of crude oil. This shortage led to the development of ...

[Virent Aspirant: A New CEO, and Revving towards Commercialization](#)

April 21, 2017 – 1

by Jim Lane (Biofuels Digest) From Wisconsin we have huge news from Virent, which has appointed one of Shell New Energies' gurus, Stacey Orlandi, as Virent CEO, succeeding Lee Edwards who is headed into retirement after a ...

[She Found a Way to Make Plastic Waste Useful](#)

April 19, 2017 –

by Chandana Banerjee (Christian Science Monitor) In 60 cities in India, 16,876 tons of plastic waste are generated each day, according to data from the country's Central Pollution Control Board. Multiply that by 365, and ...

[Shell Opens Technology Hub in Bangalore Where IH2 Technology Is under Development](#)

April 12, 2017

(Shell) Shell today (March 31, 2017) opened a new major technology hub in Bangalore – a 52 acre, custom built technology centre – that can house up to 1,500 experts, who would collaboratively work on worldwide innovative ...

[New Life Infused into Proposed Danish Cellulosic Ethanol Plant](#)

April 11, 2017

(Ethanol Producer Magazine) Prospects for a cellulosic ethanol plant to be built as part of the Maabjerg Energy Center in Denmark have achieved a breakthrough, according to Jorgen Udby, chairman. London-based investment firm Pioneer Point Partners ...

[A&B Planning Pongamia Project on Former HC&S Land](#)

April 10, 2017 –

by Lee Imada (Maui News) Alexander & Baldwin is close to formalizing a partnership with a seed oil producing company on a 250-acre demonstration project to produce biofuels from the pongamia tree on old sugar ...

[First-Gen Fuels under Siege. Hit Back with Hard Data](#)

April 7, 2017 –

by Jim Lane (Biofuels Digest) Ethanol supporters in the US and Australia and first-gen fuels advocates of conventional ethanol and biodiesel in the EU are striking out against what they see as misguided reports that ...

[More Iowa Fuel Retailers Carrying Higher Blends of Biodiesel](#)

April 5, 2017

(Iowa Biodiesel Board/Biodiesel Magazine) A new state government report shows more than half of Iowa's fuel retailers carried biodiesel in 2016, increasing six percent over 2015. Higher blends are also becoming the norm. Iowa's proactive ...

[The Imports Cometh](#)

April 5, 2017 –

by Ron Kotrba (Biomass Magazine) U.S. imports of biomass-based diesel hit extreme heights in 2016, fulfilling a third of the consumption market, driving the domestic biodiesel industry to more actively seek counteracting measures to protect ...

[Fighting Misinformation One Fact at a Time](#)

April 5, 2017

by Bob Dinneen (Renewable Fuels Association/Ethanol Producer Magazine) In our industry, facts are sacrosanct. You cannot fight misinformation, mistruths or alternative facts with anything other than the truth. And that's where our "2017 Ethanol Industry ...

[Ethanol Workforce Big on Military Vets](#)

April 3, 2017

by Cindy Zimmerman (Energy.AgWired.com) A new Department of Energy (DOE) study shows that military veterans make up a significant share of America's ethanol industry workforce which is not only larger than any other energy sector but ...

[Bioeconomy under the Radar](#)

March 30, 2017

by Chris Clayton (DTN The Progressive Farmer) Leaders Tout Potential Growth, Challenges for Renewable Refinery Products — ... Whether it is spoons, Coke bottles or carpets made out of corn, livestock enzymes for pharmaceuticals, or John ...

[BAA Rejects Productivity Commission Claims](#)

March 30, 2017 –

(Biofuels Association of Australia) The Biofuels Association of Australia strongly rejects claims by the Federal Productivity Commission that the industry fails to support the agriculture sector or the community.

The NSW and Queensland Governments have not forced ...

[Moving the Point of Obligation Is the Latest Misguided Ploy to Undermine the RFS](#)

March 30, 2017 –

by Senators Joni Ernst (R-IA) and Tammy Duckworth (D-IL) (The Hill) Six billion gallons. That is the approximate amount of ethanol produced in Iowa and Illinois each and every year. It is more than the ...

[Allendale Wins \\$6 Million Biomass Investment, 35 New Jobs](#)

March 29, 2017 –

(South Carolina Promise Zone) Thunderbolt Biomass, Inc., a manufacturer of wood pellets from sawmill residuals, is launching new processing operations in Allendale County, according to news releases. The company is planning to

invest \$6 million ...

[Developing Bio-Manufacturing in Gippsland](#)

March 29, 2017 –

by Philip Hopkins (Gippsland Times) Australian Paper, working with the CSIRO, a European technology leader and Federation University, is forging ahead with plans to create a bio-manufacturing hub in the Latrobe Valley that could generate ...

[Strategic Decisions on EU Aviation Biofuel Deployment Urgently Required to Overcome Cost Obstacle](#)

March 28, 2017

(GreenAir Online) Despite efficiency improvements and a global agreement to stabilise carbon emissions from international aviation at 2020 levels, due to rapid growth in the sector there is likely to be a gap of 232 million ...

[Waste-Stream, Slip-Stream, Main-Stream: The Born Global Slip-Stream Challenge Gets Underway](#)

March 27, 2017

by Jim Lane (Biofuels Digest) There are six oddly-named streams in the bioeconomy, and it reminds one of the nomenclature of subatomic quarks. There is upstream, midstream, downstream, main-stream, waste-stream, and slip-stream. But of all ...

[The Emperor's New Jobs](#)

February 6, 2017

by Jim Lane (Biofuels Digest) Among biodiesel's amazing growth stats is word from LMC International that the 2.1 billion gallons of biodiesel and renewable diesel used by Americans in 2015 supported \$8.4 billion in economic ...

Webinars

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

For [archived webinars, click here](#).

Requests for Speakers, Posters, Presenters

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

Grants

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

Latest News about University/College Research

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

Let us know 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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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 below. 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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