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**The role of the US ethanol industry in food and feed production**

A report of the Renewable Fuel Association highlights ethanol feed production

The rapid expansion of U.S. ethanol production and the corresponding increase in the amount of grain processed by the industry has been well documented and scrutinized in recent years. But what is often overlooked is the simultaneous increase in the animal feed produced by the ethanol industry. One-third of every bushel of grain that enters the ethanol process is returned to the animal feed market, most often in the form of distillers grains, corn gluten feed and corn gluten meal.

2016-03-15 | publication | USA | ethanol

**European biofuel dispute splits the industry**

A divisive debate over the green credentials of biofuels has stalled investment and threatens the future of some producers, but could also create lucrative opportunities, according to European companies.

2011-05-30 | press release | EU | biofuels

**EU finance minister propose carbon pricing for shipping and aviation**

EU finance ministers have proposed a carbon pricing system for international shipping and aviation, to cut emissions and raise finances for climate change mitigation.

2011-05-30 | legislation | EU | emissions

**Military and Aviation Industry Outline Need for Sustainable Biofuels**

The World Congress on Industrial Biotechnology (<http://www.bio.org/worldcongress/>) explored ways that biotechnology can help meet both military and commercial aviation fuel needs.

2011-05-30 | conference review | Canada | markets

**American Alternative Fuels Act**

The American Alternative Fuels Act (S.937) breaks down the barriers to alternative fuels—including fuels derived from coal, biomass, algae and waste.

2011-05-30 | legislation | USA | biofuels

**US soybean producers to fight EU emissions standards as unfair trade barrier**

New EU biofuel rules studied -

Angry American farmers fear restrictions will become norm

2011-06-01 | press release | USA | markets

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### **The Biofuels Wiki**

The Biofuels Wiki is a virtual online encyclopedia about renewable transportation fuels.

2011-06-01 | project | International | biofuels

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### **ADSW&EC - International Symposium on Anaerobic Digestion of Solid Waste and Energy Crops**

International Biogas conference in Vienna

The 6th ADSW&EC conference will be hosted in Vienna from 28.08 - 01.09.2011.

2011-06-10 | event note | International | biogas

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### **DOE to Host Biomass Program Peer Review in June**

The U.S. Department of Energy's (DOE's) Biomass Program will host its biennial Program Peer Review on June 27 and 28.

2011-06-10 | event note | USA | R&D

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### **Algae World Australia**

Algae World Australia Conference to take place from 16-17 Aug 2011 in Townsville, Queensland.

2011-06-10 | event note | Australia | biofuels

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### **Chevron, Weyerhaeuser Venture to Supply Wood for Kiorâ??s Biofuels**

Catchlight Energy LLC, a joint venture of Chevron Corp. (CVX) and Weyerhaeuser Co. (WY), will supply forest products that Kior Inc. will convert into biofuels.

2011-06-10 | project | USA | feedstock

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### **Enerkem raises C\$59 (US\$60) million in latest financing round**

Enerkem announced the closing of C\$59 (US\$60) million in financing.

2011-06-27 | press release | Canada | biofuels

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### **\$36 Million for Drop-In Biofuels and Bioproducts**

\$36 million funding for six small-scale projects in California, Michigan, North Carolina, Texas, and Wisconsin.

2011-06-27 | press release | USA | biofuels

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### **Sustainability indicators for bioenergy recognised internationally**

After three years of negotiations sustainability indicators for bioenergy are now available on a global level.

2011-06-27 | project | International | sustainability

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### **Biodiesel: Sterol Glycosides and Filterability**

AGQM published a study on correlation between SG and ASG content and filterability.

2011-06-27 | publication | International | biodiesel

### **Airlines get preliminary OK to use biofuel from algae, inedible plants**

The Air Transport Association said the standards group ASTM International has granted preliminary approval to passenger airlines to use a blend of standard fuel and biofuel derived from algae, wood chips or organic waste.

2011-06-30 | project | International | biofuels

### **EdeniQ obtains key yeast technology from USDA**

EdeniQ Inc. moved one step closer to making cellulosic ethanol a commercial reality.

2011-07-06 | press release | USA | ethanol

### **First U.S. Commercial Scale Advanced Biofuels Plant Opens**

Dynamic Fuels processing animal fats into high quality renewable fuels.

2011-07-06 | press release | USA | biofuels

### **EPA E15 Pump Labeling Requirements**

EPA has finalized regulations to help inform consumers about the appropriate use of E15 and reduce the potential for misfueling of vehicles, engines and equipment that should not use E15.

2011-07-06 | legislation | USA | ethanol

### **New Sorghum ideotypes to meet the increasing demand of biofuels**

new ideotypes of sorghum need to be defined in order to optimize efficiency.

2011-07-06 | publication | International | feedstock

### **German biofuel firm Choren declares insolvency**

German second generation biofuels company Choren Industries GmbH has declared insolvency.

2011-07-14 | press release | Germany | markets

### **\$105 Million Loan Guarantee for Cellulosic Bio-Refinery**

DOE announced to support the development of the first commercial-scale cellulosic ethanol plant in the United States.

2011-07-14 | press release | USA | biorefinery

### **UN Report: Global Investments in Cleantech**

Cleantech investments rose 32% globally in 2010 compared to the previous year, driven mainly by expansions of wind farms in China and European rooftop solar photovoltaic panels.

2011-07-14 | publication | International | renewable energy

### **IEA Increases 2016 Oil Production Forecast, Says \$100 Crude a Threat**

The International Energy Agency raised its forecast for global oil demand growth to 1.3 percent annually over the next five years on economic expansion in China, cautioning that gains in prices

threaten the recovery.

2011-08-08 | press release | International | energy supply

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### **DOE Releases Annual Market Reports for Wind Energy, Advanced Vehicles, and Fuel Cell Technology**

The U.S. Department of Energy (DOE) released 2011 2010 market reports which detail the market of wind energy, advanced vehicles, and fuel cell technologies.

2011-08-08 | publication | USA | energy supply

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### **Biobutanol: CIB files for an initial public offering of up to \$200 mln**

China's Cathay Industrial Biotech Ltd filed with U.S. regulators on 19th July to raise up to \$200 million in an initial public offering of American Depositary Shares.

2011-08-08 | press release | International | conversion technologies

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### **Codexis Announces Cellulase Enzyme Scale Up**

Codexis, Inc. announced on July 12, 2011, the scale up manufacturing of the company's proprietary cellulase enzymes at commercial scale.

2011-08-08 | press release | USA | feedstock

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### **RSB certification recognized by the EU**

The European Union recognized now the certification system of the Roundtable on Sustainable Biofuels (RSB) as a way to document compliance with the EU biofuels mandate.

2011-08-08 | legislation | EU | certification

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### **Dow and Mitsui to Create Platform for Bioethanol based polymers**

The Dow Chemical Company and Mitsui & Co. announced the a joint venture aimed at providing innovative product solutions to the global high-performance packaging, hygiene and medical markets.

2011-07-29 | press release | International | ethanol

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### **Computer software could lead to microbes that produce biofuels**

A computer software program is outfitting biotechnology companies with the ability to determine the genetic plans they need to engineer microorganisms for the production of products such as building materials, drugs and biofuels.

2011-07-29 | project | International | feedstock

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### **Malaysia Palm Oil Exports**

Malaysia's palm oil exports during the July 1-25 period rose 1.9% from a month earlier to 1.29 million metric tons.

2011-07-29 | publication | Malaysia | markets

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### **Elsevier Biofuel Launched to Guide Innovation**

A new tool is now available for biofuel managers and research development professionals to help

solve innovation challenges.

2011-07-29 | project | International | R&D

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### **Cellulosic ethanol industry struggles to take off**

No cellulosic production is expected this year and it may grow to only a few million gallons next year.

2011-07-29 | press release | USA | ethanol

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### **Half of EU electricity from wind by 2050?**

Half of the EU's electricity requirements could be fuelled by wind power by 2050 according to the European Wind Energy Association (EWEA).

2011-08-04 | publication | EU | renewable energy

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### **Workshop "Achieving 2 million tons of biofuels use in aviation by 2020"**

This Workshop was organized by the European Commission in Brussels on 18 May in cooperation with Airbus.

2011-08-04 | conference proceedings | EU | application

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### **New Biomass Production Projects**

The U.S. Department of Agriculture (USDA) announced the creation of additional Biomass Crop Assistance Program (BCAP) project areas.

2011-08-04 | project | USA | feedstock

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### **President Announces Higher Fuel Efficiency Standard**

President Obama announced on July 29 that 13 major automakers have agreed to increase fuel economy for cars and light-duty trucks to 54.5 miles per gallon (mpg) by model year 2025.

2011-08-04 | press release | USA | application

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### **Amyris Renewable Jet Fuels from Sugarcane**

Boeing, Embraer, and the Inter-American Development Bank (IDB) announced that they will jointly fund a sustainability analysis of producing renewable jet fuel sourced from Brazilian sugarcane.

2011-08-04 | press release | Brazil | biofuels

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### **Amyris to Supply São Paulo City Buses with Renewable Diesel from Sugarcane**

Amyris Brasil S.A. will begin supplying an expected 160 city buses in São Paulo with Amyris renewable diesel derived from sugarcane.

2011-08-04 | project | Brazil | synthetic fuels

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### **President Obama Announces Major Initiative to Spur Biofuels Industry and Enhance America's Energy Security**

President Obama announced investments up to \$510 million to produce advanced drop-in biofuels.

2011-08-19 | press release | USA | biofuels

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## **Jatropha - extraordinary collapse or restart?**

Jatropha for biofuel production in India?

Publication on failure of jatropha cultivation in India versus press release on new jatropha plantations in India

2011-08-19 | publication | India | feedstock

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## **EBB says EU's indirect land use change policy is insufficient**

A critical review will be performed

Europe's biodiesel producers have commissioned an independent review of a policy document on biodiesel's indirect effects on land use change.

2011-08-19 | press release | EU | biodiesel

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## **DOE Releases Billion-Ton Bioenergy Study Update**

U.S. Billion-Ton Update: Biomass Supply for a Bioenergy and Bioproducts Industry

Follow-up report to Billion Ton Study 2005 published -U.S. Billion-Ton Update: Biomass Supply for a Bioenergy and Bioproducts Industry.

2011-08-19 | publication | USA | feedstock

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## **Higher blending quotas for biofuels in the EU**

Full utilization of the available biodiesel production capacity is not in sight

Some member states have increased national blending quotas in 2011.

2011-09-01 | legislation | EU | biofuels

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## **Update on global forest industry markets**

Wood Resources International provides an overview of recent and long-term activity in forest industry markets.

2011-09-01 | press release | International | feedstock

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## **USDA and DOE Fund Research Projects to Accelerate Bioenergy Crop Production**

The U.S. Departments of Energy and Agriculture have awarded 10 grants totaling \$12.2 million.

2011-09-01 | press release | USA | feedstock

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## **\$12 Million for Drop-In Biofuels**

U.S. Energy Secretary Steven Chu announced up to \$12 million to fund three small-scale projects in Illinois, Wisconsin, and North Carolina.

2011-09-01 | press release | USA | biofuels

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## **Abengoa Announces DOE Offer of Conditional Commitment for \$133.9 Million Loan Guarantee to Build Inaugural Biomass Plant in United States**

Abengoa Bioenergy has been selected by the US Department of Energy's Loan Programs Office to receive an offer of a conditional commitment for a \$133.9 million federal loan guarantee.

2011-09-01 | press release | USA | ethanol

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## **BIOSIRE - Sustainable Transport in Tourism Regions**

BIOSIRE aims to establish a shift towards bio-diesel and electric propulsion for fleets, ships and special vehicles in tourist areas.

2011-09-08 | project | EU | sustainability

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## **Biodiesel Industry Producing Record Volumes**

US Biodiesel production reached a new monthly high of 81 million gallons in June, according to the latest EPA statistics.

2011-09-08 | press release | USA | biodiesel

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## **USDA, DoE and Navy Seek Input from Industry to Advance Biofuels**

Secretary of Agriculture, Secretary of Energy, and Secretary of the Navy announced the next step in the creation of a public-private partnership to develop drop-in advanced biofuels.

2011-09-08 | press release | USA | biofuels

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## **European Advanced Biofuels Flight path Initiative**

The EC, leading European airlines and key European biofuel producers, have launched an initiative to speed up the commercialisation of aviation biofuels in Europe.

2011-09-15 | press release | EU | biofuels

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## **Non-energy raw materials**

Non-energy raw materials are vital inputs for the EU's economy, and are crucial for the development of modern environmentally friendly technologies such as electric cars and photovoltaics.

2011-09-15 | publication | EU | feedstock

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## **\$20 million for Iowa's renewable energy and energy efficiency research**

With the five-year grant Iowa's research capacity in renewable energy and energy efficiency will be strengthened.

2011-09-15 | press release | USA | renewable energy

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## **GE joins consortium to develop Australian aviation biofuel**

GE announced on 1st September 2011 that it has joined Virgin Australia and a consortium of other partners to research and develop commercial biofuel for the aviation industry.

2011-09-15 | project | Australia | synthetic fuels

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## **From feedstocks to finance: upscaling sustainable biofuels**

European Biofuels Technology Platform, 4th Stakeholder Plenary Meeting; Press release 14 September 2011

Deployment of innovative biofuels technologies, possible, but requires strong political commitment, say European biofuels stakeholders.



2011-09-23 | conference review | EU | biofuels

### **Greenhouse Gas Benefits of a Biogas Plant in Austria**

Task 38 Publicationon Austrian Case Study Biogas

2011-09-23 | publication | Austria | biogas

### **Rural Europe (re)turns to forests energy source**

With approximately 80% of the biomass used wood is the most widely-used source of renewable energy in Europe.

2011-09-23 | press release | International | material use of biomass

### **Honeywell's UOP Biomass to Transportation Fuels Facility**

UOP LLC, a Honeywell company, announced it has begun construction in Hawaii of a biofuels demonstration unit that will convert forest residuals, algae and other cellulosic biomass into transportation fuels.

2011-09-23 | press release | USA | conversion technologies

### **World Bioenergy 2x larger than World Nuclear**

While fossil fuels still dominate the global energy supply with a combined share of 81%, renewable energy sources have the potential of becoming the dominant sources of energy for coming generations.

2011-09-30 | publication | International | bioenergy

### **European partnership to unlock the potential of algal bioenergy**

A major €14 million (approx £12.3 million) initiative is bringing experts from across North West Europe together to develop the potential of algae as a source of sustainable energy.

2011-09-30 | press release | EU | feedstock

### **Biofuels in Eastern Africa: dangers yes, but much potential as well**

This Project Briefing explores biofuel production in four countries in Eastern Africa - Ethiopia, Kenya, Mozambique and Tanzania. It examines major investments, the potential to produce feedstock, and policies in place to foster and regulate the industry.

2011-09-30 | publication | International | biofuels

### **Berkeley Lab Opens Advanced Biofuels Facility**

The US economy would receive a boost with the commercial development of a domestic source of transportation fuel and could replace gasoline on a gallon-for gallon basis in today's engines and infrastructures.

2011-09-30 | press release | USA | biofuels

### **Enerkem secures offtake agreement with Methanex**

Enerkem Inc., a waste-to-biofuels and chemicals company, announced it has entered into an offtake agreement with Methanex Corporation for the sale of methanol to be produced at Enerkem's



facility in Edmonton, Alberta, Canada.

2011-09-30 | press release | Canada | markets

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### **A3PS Conference ECO-MOBILITY 2011**

Strategies, Roadmaps and R&D Programmes and Projects of Industry, Research and Public Authorities for the Market Introduction of Alternative Propulsion Systems and Fuels

The A3PS - Austrian Agency for Alternative Propulsion Systems is looking forward to welcome you on the 15th and 16th of November 2011 at the Austria Center Vienna to the 6th A3PS Conference

â??ECO-MOBILITY 2011 â??

Strategies, Roadmaps, R&D-Programmes and -Projects of Industry, Research and Public Authorities for the Market Introduction of Alternative Propulsion Systems and Fuelsâ?•

2011-10-12 | event note | Austria | electromobility

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### **Transportation Biofuels Research in Austria**

Task 39 Newsletter Issue 28

In this issue of the IEA Bioenergy Task 39 Newsletter Austria's activities in the biofuels area are featured.

2011-10-19 | newsletter | Austria | biofuels

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### **Half a trillion dollars for fossil fuels**

"Governments and taxpayers spent about half a trillion dollars last year supporting the production and consumption of fossil fuels," the International Energy Agency (IEA) said today.

2011-10-19 | press release | International | energy supply

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### **Coskata Facility Demonstrates Two Years of Operation**

Coskata, Inc., a developer of technology for the production of advanced biofuels from biomass, achieved two years of successful operations at their cellulosic ethanol semi-commercial facility in Madison, Pennsylvania.

2011-10-19 | press release | USA | biofuels

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### **Rain Forest for Biodiesel?**

The study concludes that the use of tropical fallow land for planting oil palm is clearly more effective in terms of CO2 savings than clearing of natural forests.

2011-10-19 | publication | International | feedstock

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### **FACT Publication: Aquatic Biofuels for Local Development**

FACT has published a comprehensive report on the opportunities and feasibility of aquatic biofuels, their limitations and associated problems and threats.

2011-10-27 | publication | International | feedstock

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## **Algae as a Feedstock for Biofuels**

An Assessment of the Current Status and Potential for Algal Biofuels Production

A summary report has been prepared from the IEA AMF report on algae biofuels and the IEA Bioenergy Task 39 report on algae biofuels.

2011-10-27 | publication | International | feedstock

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## **EU launches €9 billion energy infrastructure plan**

The EU executive has announced its first ever plan to use €9.1 billion from the EU's 2014-2020 budget to help upgrade Europe's energy infrastructure, according to strategic climate and energy needs.

2011-10-27 | press release | EU | energy supply

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## **New IFPRI MIRAGE iLUC study released by European Commission**

Assessing the Land Use Change Consequences of European Biofuel Policies

The European Commission has just released the long awaited new report on the modelling of indirect land use change using IFPRI's MIRAGE economic model.

2011-10-27 | publication | EU | sustainability

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## **Review of peat surface greenhouse gas emissions from oil palm plantations in Southeast Asia**

Growth in palm oil production has been a key component of meeting growing global demand for vegetable oil, including for biodiesel, over recent decades. This growth has been accompanied by mounting concern over the impact of the oil palm business on tropical forests and peat swamp forests.

2011-10-27 | publication | International | emissions

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## **European ethanol industry acts against unfair imports from the U.S.A.**

ePURE, the association of European renewable ethanol producers has requested the European Commission to act against unfair imports of fuel ethanol from the United States.

2011-11-04 | press release | International | ethanol

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## **Novel enzymes and microorganisms for second generation bioethanol**

NEMO Newsletter 2011 summarises project results after 2 years of research on enzymes and yeast for the production of ethanol from lignocellulosic biomass.

2011-11-04 | newsletter | EU | conversion technologies

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## **USDA Announces \$44 million in Advanced Biofuels Funding**

The U.S. Department of Agriculture (USDA) announced on October 31 payments totaling \$44.6 million for 156 advanced biofuel producers in 38 states to support the production and expansion of advanced biofuels.

2011-11-04 | press release | USA | biofuels

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## **ZeaChem gets grant to expand demo plant for jet fuel**

In Washington, ZeaChem Inc. is part of a coalition led by the University of Washington which received \$40 million to develop biogasoline and renewable jet fuel production from hybrid poplar trees.

2011-11-04 | press release | USA | synthetic fuels

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### **RFA applauds Big 3's commitment to FFVs, releases comprehensive list**

The Renewable Fuels Association (RFA) today commended General Motors, Ford Motor Company, and Chrysler for meeting their pledge to produce 50 % of their new vehicles as flexible fuel vehicles (FFVs) by 2012.

2011-11-04 | press release | USA | alternative powertrains

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### **Internationale Energieagentur warnt: Energie-Zukunft der Welt nicht nachhaltig**

World Energy Outlooks 2011

Ohne einen entschiedenen Richtungswechsel in der Energiepolitik ist die Welt auf dem Weg in ein unsicheres, ineffizientes und kohlenstoffreiches Energiesystem. Das geht aus der jüngsten Ausgabe des World Energy Outlooks (WEO) hervor, den die Internationale Energieagentur (IEA) heute vorstellt.

2011-11-17 | publication | International | energy supply

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### **Fuels of the Future 2012**

9th BBE/UFOP International Congress on Biofuels

On occasion of the fair "International Green Week" will take place the 9th international conference about biofuels of UFOP and BBE on 23rd and 24th January 2012 in the International Congress Centre in Berlin.

2011-11-17 | event note | Germany | biofuels

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### **BC pellet plant announced with torrefaction**

iomass Secure Power Inc. says its first pellet plant will be constructed in Cowichan Lake, British Columbia, and will quickly move to torrefied pellet production using proprietary technology.

2011-11-17 | press release | Canada | biomass fuel

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### **Workshop on Life Cycle Analysis of Algal based Biofuels**

Brussels, 9th February 2012

The Directorate for Energy in close coordination with DG RTD and DG ENTR is organising a Workshop on LCA of Algal based Biofuels in Brussels, 9th February 2012.

2011-11-25 | event note | EU | sustainability

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### **4th Nordic Wood Biorefinery Conference - Call for papers**

Invitation to submit papers to the 4th Nordic Wood Biorefinery Conference (NWBC 2012) which will be held in Helsinki, Finland, October 23-25, 2012.

2011-11-25 | call | International | biorefinery

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### **EnAlgae project launch**

Energetic Algae Launch Event and Conference. 1st December, 2011, Brussels

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EnAlgae is a new programme which aims to reduce CO2 emissions and dependency on unsustainable energy sources in North West Europe, via sustainable technologies for algal biomass production, bioenergy, greenhouse gas (GHG) mitigation and bioremediation.

2011-11-25 | event note | International | feedstock

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### **Well-to-Wheels Analysis of Future Automotive Fuels and Powertrains in the European Context**

Update 3c of JEC Well-to-Wheels report

Calculations of GHG and energy balances for a new WTW Version 3 have been recently completed. Main changes concern biofuels with modified and new pathways for ethanol, bio-diesel and biogas.

2011-12-01 | publication | International | biofuels

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### **Industrial air pollution cost Europe up to €169 billion in 2009**

This was one of the findings of a new report from the European Environment Agency (EEA) which analysed the costs of harm to health and the environment caused by air pollution.

2011-12-01 | press release | EU | emissions

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### **IEA says Brazilian ethanol shortage will materially slow global biofuels growth**

World production of biofuels will increase at a slower pace than previously forecast in the next five years as Brazil's ethanol output declines and the U.S. market becomes saturated, the International Energy Agency said.

2011-12-14 | press release | International | ethanol

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### **EurObservER Barometer on Solid Biomass**

The new EurObservER Barometer on Solid Biomass is available for free download.

2011-12-01 | publication | International | feedstock

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### **IEA World Energy Outlook 2011**

IEA's flagship publication World Energy Outlook 2011 brings together the latest data, policy developments, and the experience of another year to provide robust analysis and insight into global energy markets, today and for the next 25 years.

2011-12-14 | publication | International | energy supply

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### **Fueling the Navy's Great Green Fleet with Advanced Biofuels**

The latest milestone is the announcement that the Defense Logistics Agency has signed a contract to purchase 450,000 gallons of domestically produced advanced drop-in biofuel on behalf of the Navy.

2011-12-14 | press release | USA | biofuels

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### **Drop-in Biofuels Take Flight in Commerce City, Colorado**

The pilot-scale facility will convert wood waste, agricultural residue, and bagasse into renewable diesel and jet fuel.

2011-12-14 | press release | USA | advanced motor fuels

### **Report: Global biofuels capacity will reach 205 million m3 by 2015**

The world's biofuel-production capacity is set to rise to 205 million m3 by 2015, from 169 million m3 today, according to Lux Research, which expects that ethanol capacity will reach 133 million m3 per year by 2015.

2011-12-21 | publication | International | biofuels

### **Europe 2020 initiative - Energy Roadmap 2050**

The Energy Roadmap 2050 is part of the Resource Efficiency Flagship of the Europa 2020 strategy. European clean energy advocates criticised the European Commission's energy roadmap for 2050, as a "missed opportunity" for omitting intermediate targets from the final text.

2011-12-21 | publication | EU | energy supply

### **The Cellulosic Ethanol Debacle – A critical comment in the Wall Street Journal**

Congress mandated purchase of 250 million gallons in 2011. Actual production: 6.6 million.

The Congress passed a law imposing mandates on oil companies to blend cellulosic fuel into conventional gasoline. In 2010 the mandate was 100 million barrels, rising to 250 million in 2011 and 500 million in 2012. By the end of this decade the requirements leap to 10.5 billion gallons a year.

2011-12-21 | press release | USA | ethanol

### **Quantifying environmental effects of Short Rotation Coppice on biodiversity, soil and water**

The report addresses environmental effects of short rotation coppice production. The purpose of the report was to produce an unbiased, authoritative statement on this topic based on a review of relevant scientific literature.

2011-12-21 | publication | International | feedstock

### **Short Rotation Eucalypt Plantations for Energy in Brazil**

A report of IEA Bioenergy Task 39

Brazil has been a world leader in large scale eucalypt plantations with improved breeding material and now appears to be leading the world in new silvicultural options of very close spaced eucalypt plantations primarily for bioenergy production.

2011-12-21 | publication | Brazil | feedstock

### **Criteria and indicators for sustainable woodfuels**

A joint publication of FAO and IEA Bioenergy

This publication assesses the environmental, social and economic issues as well as the legal and institutional frameworks that can ensure the sustainable production of woodfuels from forests, trees outside forests and other sources. The study continues FAO's long interest in wood energy issues and complements other FAO reports on wood energy and sustainable forest management.

2011-12-21 | publication | International | sustainability

## **IEA Bioenergy Task 39 Newsletter Issue #29 - Germany Feature - December 2011**

The current issue of the IEA Bioenergy Task 39 Newsletter features an article on Germany's activities in the biofuels area.

2011-12-22 | newsletter | Germany | biofuels

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### **Hart Energy report suggests blend wall could drive up RIN prices**

The anticipated saturation of the U.S. ethanol market could have interesting implications for the future renewable identification numbers (RINs) market, according to a report recently released by Hart Energy. The report suggests that a hard E10 blend wall could ultimately drive up the price for D6 RINs in the next few years as obligated parties rush their quotas for corn ethanol early rather than pay higher prices for more expensive D4 or D5 advanced biofuels RINs.

2012-01-04 | press release | USA | markets

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### **HVO Production Plant in Rotterdam**

Neste Oil AG commissioned its new facility with a capacity of 800,000 tonnes for the production of hydrated vegetable oil (HVO) in Rotterdam on 19th December 2011.

2012-01-04 | press release | Netherlands | pure plant oil

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### **Bioenergy from Forest - Bioenergy from Root to Boiler**

Call for papers until 28.2.2012

Conference and Exhibition on Bioenergy from Forest - Bioenergy from Root to Boiler from 27th August to 1st of September 2012 at Jyväskylä and Jämsä, Finland. Call for Papers until 28th February 2012.

2012-01-04 | event note | Finland | feedstock

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### **US: 2012 Renewable Fuel Standards**

The Energy Independence and Security Act of 2007 (EISA) established the RFS2 program and the annual renewable fuel volume targets, which steadily increase to an overall level of 36 billion gallons in 2022. The EPA Tuesday 27 December 2011 finalized the 2012 percentage standards for four fuel categories that are part of the agency's Renewable Fuel Standard program (RFS2).

2012-01-04 | legislation | USA | biofuels

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### **BP, Google Ventures, ConocoPhillips, and NRG Energy invest in BioFuels**

Cool Planet BioFuels, Inc. announced that BP Technology Ventures has made an investment in the company with follow on investments by the company's current investors, General Electric, Google Ventures, ConocoPhillips, NRG and North Bridge Venture Partners. Cool Planet BioFuels is developing bio based renewable gasoline that can be blended with conventional gasoline and used in today's vehicles.

2012-01-04 | press release | International | markets

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### **DOE Researchers Achieve Genetic Breakthroughs to Cheaper Biofuels**

Researchers at the U.S. Department of Energy's (DOE's) Joint BioEnergy Institute (JBEI) announced a major breakthrough in engineering systems of RNA molecules through

computer-assisted design, which could lead to important improvements across a range of industries, including the development of cheaper advanced biofuels.

2012-01-04 | press release | USA | R&D

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### **The directive including aviation activities in the EU's emissions trading scheme is valid**

Application of the emissions trading scheme to aviation infringes neither the principles of customary international law at issue nor the Open Skies Agreement.

2012-01-19 | press release | EU | emissions

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### **BIOBOOST - Boosting biofuels for energy**

A new biofuel initiative in the EU is set to kick off on the first of the year. The project, referred to as BioBoost, aims to convert residual biomass into intermediates, such as biocrude, for the production of drop-in biobased fuels and chemicals.

2012-01-19 | project | EU | conversion technologies

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### **2nd International Conference on Algal Biomass, Biofuels & Bioproducts**

Call for Abstracts until 24th February 2012

The 2nd International Conference on Algal Biomass, Biofuels and Bioproducts will be held on 10-13th June 2012 in Westin San Diego, USA. A call for abstracts is open until 24th February 2012.

2012-01-19 | call | USA | feedstock

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### **Lufthansa fuels international flight with Neste Oil biojet fuel**

Lufthansa said it will now focus on suitability, availability, sustainability and certification of raw materials, but first it must tap into this market. It will only continue with trials if it can secure enough volume of certified sustainable fuel.

2012-01-26 | press release | International | sustainability

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### **LanzaTech Closes US \$55.8 Million Series C Round**

LanzaTech, a producer of low-carbon fuels and chemicals from waste gases, has closed its Series C round with new investment totaling US \$55.8 million led by the Malaysian Life Sciences Capital Fund. New investors include PETRONAS Technology Ventures Sdn Bhd, the venture arm of PETRONAS, the national oil company of Malaysia, and Dialog Group, a leading Malaysian integrated specialist technical services provider to the oil, gas and petrochemical industry. Existing investors Khosla Ventures, Qiming Venture Partners and K1W1 also participated in the round. The company has raised more than \$85 million.

2012-01-26 | press release | USA | markets

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### **Advanced Biofuels USA releases Farm Bill wish list**

Advanced Biofuels USA released a proposal for low cost and cost-efficient policies that should be included in the Farm Bill which will be under consideration through 2012.

2012-01-26 | legislation | USA | feedstock

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### **IEA Bioenergy Conference 2012**



Vienna, Austria, 13.-15.11.2012

Provides recent research and market developments in bioenergy. The conference includes all topics dealt with by IEA Bioenergy as well as by partner organizations like FAO, GBEP and UNDP.

2012-02-02 | event note | Austria | bioenergy

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### **EPA Report: Biofuels and the Environment**

First Triennial Report to Congress

This is the first triennial Report to Congress required under Section 204 of the 2007 Energy Independence and Security Act (EISA). EISA increases the renewable fuel standards (RFS) to 36 billion gallons per year by 2022.

2012-02-02 | publication | USA | biofuels

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### **Mediterranean Consortium for Algal Biodiesel**

Twelve organizations from Cyprus, Greece, Italy, Malta, Lebanon and Egypt have established Med Algae, a consortium to study the production of biodiesel from algae in selected Mediterranean countries.

2012-02-03 | project | International | biodiesel

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### **Anaerobic Digestion Conference and Expo**

San Francisco, USA, 16.-17.05.2012

Use Municipal Solid Waste to build, expand and diversify a profitable Anaerobic Digestion and Biogas Business

2012-02-03 | event note | USA | biogas

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### **Reducing the impacts of biofuels on biodiversity**

There is mounting concern that increasing biofuels production is having significant biodiversity impacts. A study by the International Food Policy Research Institute estimated that achieving the EU target would lead to a global increase in cropland of more than 17,000 square km, primarily in Brazil, sub-Saharan Africa and former Soviet Union countries.

2012-02-09 | project | International | sustainability

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### **BP Energy Outlook 2030**

The BP Energy Outlook 2030 contains our projections of long-term energy trends. It identifies long-term energy trends, building on Statistical Review of World Energy, and then develops projections for world energy markets to 2030, taking account of the potential evolution of the world economy, policy, and technology.

2012-02-16 | publication | International | energy supply

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### **Bioenergy for Sustainable Development in Africa**

This contribution to the current global discussion about the sustainability of bioenergy addresses the fact that this debate often ignores the needs and opinions of developing countries. The book specifically addresses bioenergy development opportunities and associated risks for Africa.

2012-02-16 | publication | International | bioenergy

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## Experts agree biodiesel must be part of a sustainable society

Experts from the U.S. and Canada called for increased usage of biodiesel in North America, saying the sustainable transportation fuel protects the continent's energy security and augments the food supply of the entire world, while providing a positive impact on climate change.

2012-02-16 | conference review | USA | biodiesel

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## Biomass Supply Challenges: How to meet biomass demand by 2020?

Workshop at the World Biofuels Markets 2012, Rotterdam

The Biomass Supply Challenges workshop is jointly organised by the European Biofuels Technology Platform and the Renewable Heating and Cooling European Technology Platform, and is a side event to World Biofuels Markets 2012.

2012-02-16 | event note | EU | logistics

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## 2nd ABBB Conference Calls for Abstracts

The 2nd Annual Conference on Algal Biomass, Biofuels and Bioproducts has issued a call for abstracts for their June 10-13 gathering in San Diego.

2012-02-16 | call | USA | biorefinery

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## DOE Offers Support for Breakthroughs in Alternative Fuels

DOE will support R&D of biofuels from algae and of natural gas for vehicles. The goal is to help diversify the nation's energy portfolio, and develop alternative vehicle technologies.

2012-03-08 | press release | USA | advanced motor fuels

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## Shell and Cosan: future with biofuels

Shell and Cosan launched a multi-billion dollar joint venture that will become a leading producer of the low-carbon biofuel, ethanol made from sugar cane. Named Raízen, this major retail and commercial fuels company will operate in Brazil, one of the world's fastest-growing markets.

2012-03-08 | press release | International | biofuels

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## China aims to reach 30% biofuel in aviation fuels by 2020

China Petroleum & Chemical, also known as Sinopec, has applied to China's aviation regulator with the aim to produce aviation biofuel commercially.

2012-03-08 | press release | China | markets

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## IEA Bioenergy Annual Report 2011

The IEA Bioenergy 2011 Annual Report includes a special feature article 'Current Status of Production and Thermal Utilisation of Biomass Pellets' prepared by Task 32.

2012-03-22 | publication | International | renewable energy

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## Alternative Fuels for Aviation

Overview on Current Initiatives and Identified Research Needs

The report deals with the question "why sustainable alternative fuels are important for aviation, shows technology options, initiatives, links, documents and further research needs.

2012-03-22 | publication | International | biofuels

### **GBEP Conference on Sustainable Biomass for Electricity**

Gößing, 2-4 May

Conference on Sustainable Biomass for Electricity taking place in Gößing, 2-4 May

2012-05-08 | event note | International | sustainability

### **Round Robin Test 2012 for Biodiesel and rapeseed oil fuel**

The Association Quality Management Biodiesel (AGQM) organises again in cooperation with the Fachausschuss für Mineralöl- und Brennstoffnormung (FAM) a round robin test for Biodiesel and rapeseed oil fuel

AGQM and FAM jointly organise a round robin test for Biodiesel and rapeseed oil fuel

2012-05-08 | project | International | biofuels

### **US Army Plans \$7 Billion in Industry Partnerships for Renewables**

US Army Plans \$7 Billion in Industry Partnerships for Renewables

2012-05-08 | press release | USA | renewable energy

### **Biofuels Digest identifies four Advanced Biofuels Projects**

Solazyme Roquette, INEOS, Gevo and Beta Renewables are into the research field of advanced biofuels and open facilities with different technologies in the USA and EU.

2012-05-10 | newsletter | International | advanced motor fuels

### **Advancements in Sustainable Algal Production (ASAP)**

The U.S. Department of Energy is requesting applications to support outdoor phototrophic algae research and development in two areas:

- 1) nutrient and water use in algal production systems and
- 2) the development of algal technology testbed facilities.

2012-05-10 | call | USA | R&D

### **Biofuels and the US Department of Defense**

En route to its 2025 target, the DoD has emerged as a leader in the early adoption of next-generation (Gen2) biofuels. The Air Force and Navy account for ~64% and ~19% of the DoD's total fuel costs, respectively, and as such, they have aggressive renewable fuel targets.

2012-05-10 | press release | USA | biofuels

### **USDOE: \$15 Million for Biomass Fuel Supplements**

The Energy Department announced up to \$15 million is available to demonstrate biomass-based oil supplements that can be blended with petroleum. Known as "bio-oils," these precursors for completely renewable transportation fuels could be integrated into the oil refining processes that make conventional gasoline, diesel, and jet fuels without requiring modifications to existing fuel distribution networks or engines.

2012-05-10 | press release | USA | bioenergy

## **Deutsche Bank economist nominated to head the US Energy Information Administration**

President Obama will nominate Deutsche Bank economist Adam Sieminski to head the Energy Information Administration EIA, the federal agency that produces closely watched analyses of U.S. energy use, production and price trends.

2012-05-04 | press release | USA | energy supply

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## **US National bioeconomy blueprint**

The National Bioeconomy Blueprint describes five strategic objectives for a bioeconomy with the potential to generate economic growth. Although progress is being made in all of these areas, much work remains if the US is to remain competitive in a changing world.

2012-05-04 | publication | USA | markets

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## **Emerald Biofuels Plans Renewable Diesel Refinery in Louisiana**

Emerald Biofuels LLC announces that it is planning to site an 85 million gallon per year renewable diesel refinery.

2012-05-10 | press release | USA | synthetic fuels

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## **Neste Oil sold its first batch of NExBTL diesel to the US**

Neste Oil has recently supplied its first batch of NExBTL diesel to the US market.

2012-05-10 | press release | International | markets

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## **Boeing expands its global R&D investment to Brazil**

Boeing announced April 3, 2012, that it will establish Boeing Research & Technology-Brazil, a research and technology center in Sao Paulo that will work with the country's leading researchers and scientists to develop aerospace technologies.

2012-05-22 | press release | International | R&D

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## **Biorefining Training School 2012**

2nd European Training School on the Principles and Technologies for Biorefining

The aim of the training school is to offer a novel educational opportunity, which will address important biorefinery-associated issues and provide the trainee with a state of the art view of this emerging field. The course will be taught by top-level European specialists, active in R&D and industry.

2012-05-31 | event note | Netherlands | biorefinery

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## **European Advanced Biofuels Flight path Initiative**

The "European Advanced Biofuels Flight path" initiative is a roadmap with clear milestones to achieve an annual production of two million tonnes of sustainably produced biofuel for aviation by 2020. The "Biofuels Flight path" is a shared and voluntary commitment by its members to support and promote the production, storage and distribution of sustainably produced drop-in biofuels for use in aviation.

2012-05-31 | press release | International | advanced motor fuels

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## **Biofuels FlightPath 4th Workshop: "Financial mechanisms for advanced**

## biofuel flagship plants"

The Directorate-General for Energy (DG ENER) organised this Workshop in collaboration with the Core Team of the Biofuels FlightPath 2020 Initiative. The purpose was to discuss with key stakeholders the financial mechanisms that can facilitate the construction of first-of-a-kind-plants for advanced paraffinic sustainable biofuels.

2012-05-31 | conference review | International | advanced motor fuels

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## IEA Bioenergy invites feedback on sustainability certification of biomass, biofuels, and bioenergy

IEA Bioenergy invites feedback as part of a global study on sustainability certification of bioenergy. The main goal of the study is to make recommendations for improving the effectiveness of governance and certification systems to benefit sustainable bioenergy deployment.

2012-06-08 | call | International | bioenergy

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## IEA releases Energy Technology Perspectives 2012

Energy Technology Perspectives (ETP) is the International Energy Agency's most ambitious publication on energy technology. It demonstrates how technologies - from electric vehicles to smart grids - can make a decisive difference in limiting climate change and enhancing energy security.

2012-06-14 | publication | International | energy supply

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## Call for Papers - Fuels of the Future 2013 until 22 June 2012

The German BioEnergy Association (BBE) and the Union for the Promotion of Oilseeds and Protein Plants (UFOP) cordially invite paper proposals for the 10th international Conference on Biofuels â??Fuels of the Future 2013â?• that will be held during 21 - 22 January 2013 in Berlin and to actively contribute to the program design. Deadline for sending an abstract is the 22nd June 2012.

2012-06-21 | call | Germany | advanced motor fuels

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## DOE: Hydrogen and Fuel Cells Program Review

The DOE Hydrogen and Fuel Cells Program held a peer review meeting with the Vehicle Technologies Program. Almost 400 hydrogen and fuel cell presentations and 200 hydrogen and fuel cell posters were reviewed.

2012-06-14 | conference proceedings | USA | material use of biomass

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## International Conference on Biofuels for Sustainable Development of Southern Europe (Bio4SuD)

Call for Abstracts

The call for abstracts is currently open for presentations in the International Conference on Biofuels for Sustainable Development of Southern Europe (Bio4SuD), which will take place in Thessaloniki, Greece on 19-20th of November 2012.

2012-06-14 | call | International | biofuels

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## New Advisory Committee to Boost Deployment of Clean Energy

The Energy Department announced a new interagency advisory committee to accelerate deployment of innovative products and technologies.

2012-06-14 | press release | USA | energy supply

### **California Awards \$23 Million for Alternative Transportation Fuels**

: The California Energy Commission approved funding of \$23 mio. for projects that will advance the development of green fuels, and the installation of fueling stations.

2012-06-21 | press release | USA | advanced motor fuels

### **EPA Approval of E15 Misfueling Mitigation Plans**

EPA has approved the first plans for satisfying the misfueling mitigation conditions of the E15 partial waivers. With EPA's approval of a number of companies' misfueling mitigation plans, EPA has acted on each of the Clean Air Act steps required to bring E15 to market.

2012-06-21 | press release | USA | ethanol

### **Thailand: export surcharge on palm oil**

Biodiesel Magazine reported that that Thailand's Ministry of Commerce has imposed an export surcharge of \$317 per ton on crude palm oil.

2012-06-21 | press release | Thailand | markets

### **EPA proposes tougher rules on soot**

The Environmental Protection Agency (EPA) rolled out plans to toughen standards for fine particulate matter emitted by factories, power plants, diesel vehicles and other sources.

2012-06-21 | press release | USA | emissions

### **Study on Earthquakes, Fracking**

The National Research Council (NRC) will release a report on the potential for energy technologies including wastewater injections associated with natural-gas drilling to cause seismic activity.

2012-06-21 | publication | International | energy supply

### **The 4th RENEXPO® Austria working to promote the Austrian energy strategy**

4th International Trade Fair and Conference for Renewable Energy & Energy Efficiency

The 4th RENEXPO® Austria will take place from November 29th to December 1st, 2012 in the Messe Salzburg.

2012-06-29 | event note | Austria | renewable energy

### **Demonstration of the Hofbauer Reactor in Woodlands, California, USA**

Gussing Renewable Energy America Inc. (GREa) and West BioFuels LLC (WBF) of California have signed an agreement to demonstrate the Hofbauer Reactor in Woodlands, California, USA.

2012-07-03 | press release | USA | synthetic fuels

### **Successful Demonstration Flight With Amyris Renewable Jet Fuel Produced From Sugarcane**

Azul Brazilian Airlines, in partnership with Amyris Inc., Embraer and GE, made a demonstration flight on 19 June using a renewable jet fuel produced from Brazilian sugarcane.

2012-07-03 | press release | Brazil | advanced motor fuels

### **Advanced biofuels: Separating the wheat from the chaff**

Biofuels will be the biggest contributor to the EU's target of providing 10% of transport fuel from renewable energy by 2020, but consumers at the petrol pump could be forgiven for feeling confused about their environmental benefits.

2012-07-03 | publication | EU | biofuels

### **AMFI Newsletter 2 2012**

The current issue of the AMFI newsletter has been released.

2012-07-13 | newsletter | International | alternative powertrains

### **Aviation Biofuels Development Conference**

The Aviation Biofuels Development Conference will take place on the 2nd and 3rd of October in Washington DC.

2012-07-13 | event note | USA | biofuels

### **Biodiesel plant using jatropha oil feedstock opens in Cuba**

Agence France-Presse reported July 16 that a new biodiesel plant in Cuba using jatropha oil feedstock has begun production. The small biodiesel plant located in Guantanamo province is scaled to produce 100 tons per year.

2012-07-20 | press release | International | biodiesel

### **Report: algae biofuels technologies market at \$1.6B in 2015**

MarketResearch.com has announced the addition of the new report "SBI Bulletin: Algae Biofuels Technologies - Global Market and Product Trends 2010-2015," to its collection of market reports.

2012-07-20 | publication | International | markets

### **BDI, LPCiminelli form teaming agreement for waste-based projects**

Austria-based biodiesel process technology provider BDI-BioEnergy International AG has entered into a teaming agreement with LPCiminelli Inc., a construction company out of Buffalo, N.Y., to grow BDI-BioEnergy's waste-to-energy technology in the U.S.

2012-07-27 | project | International | biodiesel

### **USDA, DOE invest \$41 million to drive biofuels feedstock yields, diversification**

The recent focus on drought, and the scarcity scare, shows that diversification and yield enhancement remain the bioeconomy's chief weapons in the war on availability and affordability. The USDA and DOE respond with a \$41M investment in basic science, feedstock development.

2012-07-27 | press release | USA | feedstock

### **Brazil to build algae-based biofuel plant**

The planned factory will produce 1.2 million liters of algae-based biofuel annually. The \$9.8 million



facility will be set up by Austrian firm SAT on a sugar cane plantation that yields ethanol. The factory will make use of the carbon dioxide emitted in the ethanol production to speed up the photosynthesis process in the seaweeds and thus reduce emissions of polluting gases into the environment.

2012-07-27 | press release | Brazil | biofuels

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### **The U.S. Navy Tests Biofuels in Hawaii**

The U.S. Navy recently used advanced biofuel to power its "Great Green Fleet," a selection of aircraft and surface ships of the U.S. Navy's Carrier Strike Group, to test the fuel's performance in an operational setting. The demonstration took place on July 17 and 18 off the coast of Hawaii as part of the Rim of the Pacific Exercise.

2012-07-27 | press release | USA | biofuels

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### **Biofuels and Agricultural Commodity Prices**

IEEP, the Institute for European Environmental Policy (<http://www.ieep.eu/>), has produced a review of the evidence base on the impacts of EU biofuel policies on global agricultural commodity prices, commissioned by ActionAid.

2012-08-02 | publication | EU | sustainability

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### **Ineos completes construction of US biorefinery**

Construction of Ineos' \$130 million biorefinery joint venture project in the US has been completed, with production expected to begin in the second half of 2012.

2012-08-09 | press release | USA | biorefinery

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### **Advanced biofuel and renewable chemical technologies create jobs and economic growth**

Long-term tax policy is vital to emerging alternative energy technologies seeking to cross the valley of death to commercial scale, and should be targeted at those technologies with the greatest potential to create jobs, economic growth, energy security and environmental benefits, a report of the Biotechnology Industry Organization (BIO) submitted the US Senate Finance Subcommittee on Energy, Natural Resources and Infrastructure says.

2012-08-09 | press release | USA | markets

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### **Latest CryoSat result revealed**

In June 2011, the first map of Arctic sea-ice thickness was unveiled, using CryoSat data. Now, the complete 2010-2011 winter season data have been processed to produce a seasonal variation map of sea-ice thickness.

2012-08-16 | project | International | markets

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### **Greening Aviation**

Interviews from the Farnborough International Airshow

An interesting video on "Greening Aviation" with interviews from the Farnborough International Airshow was published.

2012-08-16 | press release | International | advanced motor fuels

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## US ethanol production plunges to two-year low

Production of fuel ethanol produced from fermenting sugar or starch bearing crops such as corn has dropped to around 800 thousand barrels per day (kb/d) in the US, the lowest level in two years, according to the International Energy Agency's latest Oil Market Report (OMR).

2012-08-16 | press release | USA | ethanol

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## Neste Oil and Stora Enso stop their biodiesel project

Neste Oil and Stora Enso have decided not to progress with their plans to build a biodiesel plant, for which the two companies had applied for funding under the EU's NER 300 program

2012-08-30 | press release | EU | biodiesel

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## Biofuels: Controversial Positions

Europe's biofuel producers are hitting back at claims that they are at fault for this summer's high food prices and challenge assertions that crops grown for fuel production are a threat to food supplies.

2012-08-30 | press release | International | material use of biomass

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## Bio n-Butanol Demonstration Facility in Latin America

Cobalt Technologies and specialty chemical company Rhodia, member of the Solvay Group, announced they will begin joint development and operation of a biobutanol demonstration facility in Brazil.

2012-09-04 | project | Brazil | feedstock

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## Chemtex selected for 99 mio. loan guarantee

Chemtex International Inc. has received a Letter of Conditional Commitment for a US\$ 99 mio. loan guarantee from the USDA under their 9003 Biofinery Assistance Program for the engineering and construction of Project Alpha. Chemtex is in discussions with the State of North Carolina to locate this 20 mio. gallons per year cellulosic ethanol plant in the Sampson County area.

2012-09-04 | project | USA | ethanol

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## Quality management of digestate from biogas plants used as fertiliser

IEA Bioenergy Task 37 New Publication

Within IEA Bioenergy Task 37 a new publication has been released on the quality management of digestate from biogas plants used as fertiliser from Teodorita AL SEADI and Clare LUKEHURST.

2012-09-04 | publication | International | biogas

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## US monthly ethanol statistics

The U.S. Energy Information Administration published its latest Monthly Energy Review on Aug. 29. The review includes a monthly overview of ethanol statistics. The new report addresses ethanol production, stocks and exports through May 2012.

2012-09-04 | press release | USA | ethanol

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## Algae-to-Energy Facility Operational

Sapphire Energy, Inc. announced the first phase of the world's first commercial demonstration algae-to-energy facility, is now operational. . The company harvested its first crop in June and has since harvested algae biomass totaling 81 tons.

2012-09-04 | press release | USA | R&D

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### **Neste Oil completes the first phase of its microbial oil pilot plant**

Neste Oil has completed the first phase of its project to build a pilot plant for producing microbial oil. The first phase will enable the growth of oil-producing micro-organisms, and the following phases will concentrate on raw material pretreatment and oil recovery. The goal is to develop the technology so that it is capable of yielding commercial volumes of microbial oil for use as a feedstock for NExBTL renewable diesel. Commercial-scale production is expected by 2015 at the earliest.

2012-09-04 | press release | International | conversion technologies

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### **DIRECTORATE GENERAL FOR INTERNAL POLICIES publishes Study on "Impacts of shale gas and shale oil extraction"**

The study discusses the possible impacts of hydraulic fracturing on the environment and on human health.

2012-09-13 | publication | EU | sustainability

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### **Ethanol production from waste**

Enerkem Inc., a waste-to-biofuels and chemicals company, announced in June 2012 the initial production of cellulosic ethanol from waste materials at its demonstration facility in Westbury, Québec.

2012-09-13 | project | Canada | ethanol

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### **IEA Bioenergy Task 37 Newsletter Issue #31 Korea Feature**

The most recent issue of the IEA Bioenergy Task 39 Newsletter has been released with an overview of the various activities from the biofuels area in South Korea.

2012-09-13 | newsletter | International | biofuels

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### **Call for Papers - International Conference on Polygeneration Strategies 13**

3 rd September to 5 th of September 2013 - Vienna, Austria

The call for papers has been opened for the full paper - peer reviewed Conference International Conference on Polygeneration Strategies in September 2013 in Vienna.

2012-09-13 | call | Austria | synthetic fuels

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### **EPA Sets Biobased Diesel Volumes for 2013**

The U.S. Environmental Protection Agency (EPA) set the amount of bio-diesel products required to be included in diesel fuel markets in 2013 at 1.28 billion gallons.

2012-09-21 | press release | USA | biodiesel

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### **First biorefinery producing wood-based biodiesel**

Finland-based UPM's facility is located in Lappeenranta, south-eastern Finland, and will produce

biodiesel from crude tall oil at the company's Kaukas mill site.

2012-09-21 | project | Finland | biorefinery

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### **Biofuels International Conference 2012**

21-22 November 2012 , Antwerp Belgium

On 21st and 22nd of November the Biofuels International Conference 2012 will take place in Antwerp, Belgium organised by Biofuels International magazine.

2012-09-21 | event note | International | biofuels

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### **European Commission Raises Queries over the Reliability of Biofuel Policy**

The Union for the Promotion of Oil and Protein Plants e.V. (UFOP) considers the proposals announced by the EC's General Directorate (GD) for Climate Policy to be a complete renunciation of a reliable, future-oriented climate and biofuel policy.

2012-09-21 | press release | EU | biofuels

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### **Global Sea Level Changes**

Data, obtained by radar altimeters on multiple satellites, show regional increases of sea level by up to 10 mm each year, such as in the Philippine Sea.

2012-09-21 | press release | International | sustainability

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### **Fuel and Technology Alternatives for Buses**

. The IEA AMF Bus Project addressed the question, how vehicle technology and fuel used affect regulated emissions (e.g. particulate matter), GHG emissions and fuel consumption. In a joint effort of all transport related IEA R&D networks, 11 partners provided a total of 1 million Euro for this activity, which combined existing data with new emission and fuel consumption measurements.

2012-09-27 | publication | International | alternative powertrains

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### **Research and innovation for Europe's future mobility**

Memo of the European Commission

The EU's oil import bill was 210 billion € in 2010, transport is to 95% dependent on fossil fuels. If we do not address this oil dependence, people's ability to travel and the costs of goods transport could be severely impacted with dire consequences on the overall economy. The European Union has committed to reducing its greenhouse gas emissions; a reduction of 60% by 2050 is required from the transport sector.

2012-09-27 | legislation | EU | energy supply

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### **Biofuel mandates to be abolished?**

Biofuel mandates like those in the European Union and United States should be abolished to ease pressure on food prices, a top Organisation for Economic Co-operation and Development official said yesterday (19 September). Meanwhile, industrialists condemned the European Commission's proposal to limit biofuels, calling it "a masterpiece of irresponsible policymaking".

2012-09-27 | press release | International | material use of biomass

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### **Identification of the Optimum Sites for Industrial-scale Microalgae Biofuel**

## Production using a GIS Model

M. A. Borowitzka, B. J. Boruff, N. R. Moheimani, N. Pauli, Yinghui Cao, Helen Smith  
Algae R&D Centre, Murdoch University and The School of Earth and Environment, University of Western Australia

2012-09-27 | publication | Australia | R&D

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## Workshop on Sustainable biofuels regulations, standards and certification

A two-day Workshop on Biofuels Sustainability Standards and Regulations was held on September 18-19, 2012 in Brussels, Belgium. The event was co-sponsored by CONCAWE and its partner organisation IPIECA, the global oil and gas industry association for environmental and social issues, located in London, UK.

2012-09-27 | conference review | International | certification

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## Ministerial Conference on Renewable Energy in a Bio-based Economy

Ministers, State Secretaries, Deputy Ministers and Representatives from Member States of the Central European Initiative (CEI), competent for Science and Technology, Energy, Environment, Agriculture, Economic Development, together with High Officials from the European Commission and Stakeholders from Industry, Universities and other Research Institutions, attended in Trieste the Conference on "Renewable Energy in a Bio-based Economy: The Option of Next Generation Biofuels".

2012-10-11 | conference review | EU | renewable energy

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## New Commission proposal to minimise the climate impacts of biofuel production

The European Commission published a proposal to limit global land conversion for biofuel production, and raise the climate benefits of biofuels used in the EU. The use of food-based biofuels to meet the 10% renewable energy target of the Renewable Energy Directive will be limited to 5%. This is to stimulate the development of alternative, so-called second generation biofuels from non-food feedstock, like waste or straw, which emit substantially less greenhouse gases than fossil fuels and do not directly interfere with global food production. For the first time, the estimated global land conversion impacts "Indirect Land Use Change (ILUC)" will be considered when assessing the greenhouse gas performance of biofuels.

2012-10-18 | legislation | EU | sustainability

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## Fuels of the future 2013

10th international conference on biofuels

The 10th international conference on biofuels "Fuels of the Future 2013" will take place from the 21st-22nd of January 2013 in Berlin, Germany.

2012-11-02 | event note | Germany | biofuels

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## 7th A3PS Conference "ECO-MOBILITY 2012"

11th and 12th of December 2012, Tech Gate Vienna

A3PS "The Austrian Agency for Alternative Propulsion Systems" invites you to the 7th A3PS Conference "ECO-MOBILITY 2012" - 11th and 12th of December 2012, Tech Gate Vienna.

2012-11-07 | event note | Austria | electromobility

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## IEA Advanced Motor Fuels Agreement - Newsletter 3 2012

The IEA Advanced Motor Fuels Agreement published the third issue 2012 of the AMFI Newsletter with contributions from a team of authors in Asia, North America and Europe.

2012-11-07 | newsletter | International | alternative powertrains

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## Neste Oil inaugurates pilot plant for microbial oil from waste and residues

Neste Oil is celebrating the official opening of Europe's first pilot plant for producing microbial oil from waste and residues, on 26 October, at its site in Porvoo, Finland. Microbial oil produced from industrial and agricultural residues, such as straw represents a promising future raw materials for NExBTL renewable diesel.

2012-11-07 | press release | Finland | biorefinery

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## IEA World Energy Outlook

The global energy map is changing dramatically, the International Energy Agency said as it launched the 2012 World Energy Outlook (WEO).

2012-11-28 | publication | International | bioenergy

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## BIOGRACE - extending its GHG calculation tool

The BioGrace project has been granted another 3-year-period by Intelligent Energy Europe. A single tool is going to cover all kinds of bioenergy on the European market: gaseous, liquid and solid.

2012-11-28 | project | EU | emissions

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## Eni S.p.A. plans to produce drop in biofuels in Venice, Italy

UOP LLC, a Honeywell company, announced that Italy's largest energy company, Eni S.p.A., will produce renewable diesel using Honeywell's Ecofining process at its facility in Venice.

2012-11-28 | press release | Italy | conversion technologies

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## Denial of Requests for a Waiver of the Renewable Fuel Standard

In August 2012, Governors from several US States requested a waiver of the national volume requirements for the renewable fuel standard program (RFS) of the Clean Air Act.

2012-11-28 | press release | USA | sustainability

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## Public consultation on Public-Private Partnership on Biobased Industry

Circular note from CEI

The European Commission has launched a public consultation on "Bio-based industries, towards a public-private partnership under Horizon 2020?".

2012-11-28 | call | EU | material use of biomass

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## Looming shortage of key crop nutrient pushes call for conservation

Stepped-up farm production to feed a growing world could lead to shortages of a vital crop nutrient, phosphorus, prompting European officials to consider conservation and recycling measures to protect supplies.

2012-11-28 | press release | International | feedstock

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## **Increases in agricultural productivity in Africa should enable food production**

A newly published United Nations Human Development Report on Africa, which focuses on food security, says poverty and development challenges will be magnified by Sub-Saharan Africa's rising population, expected to grow from more than 800 million today to 2 billion by 2050.

2012-11-28 | publication | International | feedstock

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## **John Benemann to Chair European Algae Biomass 2013**

European Algae Biomass 24-25 April 2013 Vienna

ACI is Pleased to Confirm John Benemann, CEO, MicroBio Engineering, as Chair of the European Algae Biomass 2013 taking place in Vienna on the 24th & 25th April 2013.

2012-11-28 | event note | Austria | feedstock

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## **News from BioGasol**

BioGasol ApS announced on 12 November 2012 that it has raised €5 million in new equity financing and received a confirmation of €10 million grant allocation from The Energy Technology Development and Demonstration Program (EUDP), part of the Danish Energy Agency.

2012-11-28 | newsletter | Denmark | conversion technologies

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## **Nanomaterials in plant protection products and fertilisers**

The use of nanomaterials in agriculture could reduce cost and effort, increase efficiency and lead to more environmentally sound applications. But it might also have a negative effect on microorganisms in the soil.

2012-11-28 | project | International | feedstock

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## **Novel Glycerol Bio-refinery process**

Leaf Energy announced a novel pre-treatment method for Cellulosic Bio-Ethanol production developed at the Queensland University of Technology.

2012-12-06 | press release | Australia | ethanol

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## **EU Council calls for strong 2030 renewables framework**

European energy ministers gathering in Brussels to discuss the role of renewables in the European energy market, gave a mandate to the Commission to start work on a post-2020 renewable energy policy framework. It should be developed with the assumption that substantially higher shares of renewables, increased energy efficiency and infrastructure reinforcement are key in all circumstances, ministers said.

2012-12-06 | press release | EU | renewable energy

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## **Debate on high-ethanol fuel**

The North American Motor Club AAA urged the Environmental Protection Agency (EPA) to halt sales of gasoline with higher ethanol concentrations, contending the fuel blend causes engine damage not covered under most auto warranties. EPA says that cars made in the model year 2001 and later can handle E15. But automakers say EPA is only considering the fuel's impact on emissions control systems while disregarding the impact on the rest of the vehicle.

2012-12-06 | press release | USA | ethanol

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## Half of Europe's renewable energy comes from wood, but not!

Half of the EU's renewable energy (RE) comes from wood and wood waste, according to Eurostat. The new Eurostat numbers were issued in conjunction with the UN's Year of Sustainable Energy For All (SE4ALL), which sets ambitious renewables, efficiency and universal energy access targets.

2012-12-06 | press release | EU | feedstock

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## US Senate passes amendment allowing biofuel refinery construction

The Senate passed an amendment to the defense bill that would strike the prohibition on biofuel refinery construction. The amendment allows the Department of Defense (DoD) to invest in refineries for "advanced" biofuels through a joint Agriculture, Energy and Navy Departments agreement.

2012-12-06 | legislation | USA | biorefinery

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## EIA releases Annual Energy Outlook 2013

The U.S. Energy Information Administration has published Annual Energy Outlook 2013 Early Release Overview.

2012-12-13 | publication | International | energy supply

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## AEBIOM publishes European Bioenergy Outlook 2012

AEBIOM has published its Annual Statistical Report 2012 which is a comprehensive collection of data on biomass contributing to a better understanding and further successful development of bioenergy sector in Europe.

2012-12-13 | publication | EU | energy supply

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## DOE study says gas exports would boost US economy

A major study commissioned by the US Energy Department (DOE) concludes that expanding natural-gas exports would be an economic win for the U.S., a finding that provides a political boost to lawmakers and companies pushing for approval of several applications.

2012-12-13 | press release | USA | markets

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## EPA publishes final rule for grain sorghum fuel pathways

EPA is issuing a supplemental rule associated with the Renewable Fuel Standard (RFS) program.

2012-12-13 | publication | International | feedstock

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## Climate change, impacts and vulnerability in Europe 2012

EEA Report No 12/2012

This European Environment Agency (EEA) report presents information on past and projected climate change and related impacts in Europe, based on a range of indicators.

2012-12-13 | publication | EU | sustainability

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## Bioenergy in Africa and North-South Project finalized

The project "Bioenergy in Africa and Central America" (BIA) investigates the opportunities and risks related to the production and utilization of biofuels in East Africa and in Central America. Five European institutions (EMPA (project leader), Wageningen University, Bioenergy 2020+, Overseas

Development Institute London, Round Table on Sustainable Biofuels) cooperated with seven partners from Ethiopia, Kenya, Tanzania, Mexico and Belize. The focus was laid on *Jatropha curcas* because of its promise of high yields on degraded land.

2012-12-18 | project | International | bioenergy

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### **Bioenergy in Australia - status and opportunities**

Launch at the Bioenergy Australia 2012 Conference

A major bioenergy report *Bioenergy in Australia - status and opportunities* was launched at the recent Bioenergy Australia 2012 Conference. This 340 page report is a major revision of an earlier RIRDC/Bioenergy Australia report.

2012-12-19 | publication | Australia | bioenergy

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### **US DOE: Funding opportunities for pyrolysis oil processing**

The Funding Opportunity Announcement (FOA) addresses *Conversion Technologies for Advanced Biofuels* and focus on understanding of basic or fundamental principles.

2012-12-19 | press release | USA | synthetic fuels

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### **NEDO and Thai Government concludes MOU for Bioethanol Project with Tapioca Residue**

NEDO and the National Innovation Agency (NIA) of Thailand concluded a memorandum of understanding (MOU) on December 17, 2012 in Bangkok to implement a demonstration project utilizing technologies for producing bioethanol from cassava residue after starch extraction (tapioca residue) in Thailand.

2013-01-03 | press release | Thailand | ethanol

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### **ITAKA - Initiative Towards sustainable Kerosene for Aviation**

ITAKA project is expected to support the development of aviation biofuels in an economically, socially, and environmentally sustainable manner, improving the readiness of existing technology and infrastructures.

2013-01-03 | project | EU | application

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### **Monitoring water resources in the Mediterranean**

The effects of climate change, population growth and economic development in the Mediterranean are posing a threat to the water supply.

2013-01-03 | press release | EU | sustainability

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### **NER300 Call Results Published**

On 18 December 2012 it was announced that five advanced biofuels projects and three bioenergy projects will receive funding after the first call for proposals of the NER300 funding programme for innovative low-carbon technologies.

2013-01-03 | press release | EU | bioenergy

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### **Advanced Biofuels Deployment - Investing in Europe's Future**

EBTP 5th Stakeholder Plenary Meeting

The European Biofuels Technology Platform announced its 5th Stakeholder Plenary Meeting: "Advanced Biofuels Deployment - Investing in Europe's Future" to be held at the Diamant Conference Centre in Brussels on 6-7 February 2013.

2013-01-03 | event note | EU | biofuels

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### **World Sustainable Energy Days 2013**

27.02.-01.03.2013 in Wels, Austria

The World Sustainable Energy Days are one of the largest annual conferences in this field in Europe, offering a unique combination of events on sustainable energy, like for example the European Pellet Conference or the Energy Efficiency Watch Conference.

2013-01-08 | event note | Austria | bioenergy

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### **Transportation Biofuels in Australia**

IEA Bioenergy Task 39 Newsletter Issue #32

The lead article in the current IEA Bioenergy Task 39 Newsletter deals with biofuel developments in Australia.

2013-01-08 | newsletter | International | biofuels

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### **199 mio. € to Dutch biomass refinery initiative**

A consortium consisting of BioMCN, Siemens, Linde, and Visser & Smit Hanab, received 199 mio. € in NER300 grants. With these funds, a large-scale biomass refinery will be constructed.

2013-01-08 | press release | Netherlands | biorefinery

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### **Carbon market activity highest on record**

According to analysis by Bloomberg New Energy Finance, transaction volumes across the world's carbon markets grew by 26% in 2012 to reach 10.7bn tonnes.

2013-01-08 | press release | International | markets

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### **Network Biofuels Homepage now in English language**

Visit [www.network-biofuels.at](http://www.network-biofuels.at)

The website of the Austrian Network Biofuels provides basic information on the biofuels sector, spreads relevant news and gives an overview on projects, experts and organizations in the national biofuels scene.

2013-01-17 | press release | International | biofuels

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### **ANDRITZ: 700,000 t/a pulp mill in China**

The greenfield pulp mill of Zhanjiang Chenming Pulp & Paper Co., Ltd reached the nominal production capacity of 700,000 t/a in 121 days from start-up. It has also produced 100% of the design capacity during the first full operating year.

2013-01-17 | press release | China | biorefinery

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### **WORKSHOP on Sustainable Biomass Production in South-East Africa**

19-21 March 2013 in Maputo, Mozambique

The objective is to discuss and share experiences on current initiatives for the development of sound

frameworks for bioenergy in African countries. Results of recent and on-going projects funded through the Global Sustainable Biomass Programme and the Sustainable Biomass Import Programme (the Netherlands Programmes for Sustainable Biomass – NPSB) as well as through the Daey Ouwens Fund (DOF) will be presented ([www.agentschapnl.nl/en/biomass](http://www.agentschapnl.nl/en/biomass)).

2013-01-24 | event note | International | sustainability

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### **6th International Conference on Biodiesel, Berlin, 21 January 2013**

AGQMs 6th International Conference on Biodiesel will be held in Berlin on 7th – 8th May 2013. The conference will give an outline of the current market development of Biodiesel in the EU, USA, Asia and South America.

2013-01-24 | event note | Germany | biodiesel

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### **Project on Bioenergy in Africa successfully completed**

The ERA-ARD project – Bioenergy in Africa: Opportunities and Risks of Jatropha and Related Crops – was officially closed at the end of March 2013.

2013-09-17 | project | International | bioenergy

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### **Eco-Mobility 2013 - 8th International A3PS-Conference**

October 3rd-4th 2013, Vienna, Austria

The Austrian Agency for Alternative Propulsion Systems (A3PS) in cooperation with the Austrian Federal Ministry for Transport, Innovation and Technology (bmvit) invites to the international conference Eco-Mobility 2013.

2013-09-17 | event note | Austria | alternative powertrains

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### **The Role of Biorefining in a Future BioEconomy**

Austrian Stakeholder Workshop of IEA Bioenergy Task 42 "Biorefining"

The Austrian Stakeholder Workshop of IEA Bioenergy Task 42 "Biorefining" with the title "The Role of Biorefining in a Future BioEconomy" will be held on 24th of October in Graz, Austria.

2013-09-26 | event note | Austria | biorefinery

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### **UFOP-funded project for the approval of biodiesel as a pure fuel for DEUTZ Agripower engines**

UFOP and the German engine manufacture DEUTZ AG have successfully finished a joint project for the use of B100 in engines of the exhaust stage EU COM IIIB.

2013-09-26 | project | International | biodiesel

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### **Advanced biofuels passes 1 billion gallons in capacity: E2 study**

Environmental Entrepreneurs' (E2) annual assessment of the advanced biofuel industry shows steady improvements in technology and production capacity, and concludes that there will be sufficient supply of advanced biofuels to meet the federal Renewable Fuel Standard through 2016.

2013-10-02 | publication | International | synthetic fuels

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### **IEA Bioenergy Task 39 Newsletter - Norway Feature**

The IEA Bioenergy Task 39 on Commercializing Conventional and Advanced Liquid Biofuels from

Biomass released the latest newsletter issue # 34 with a special focus on the situation of biofuels in Norway.

2013-10-14 | newsletter | International | biofuels

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### **KIT produces first batch of biofuel**

Karlsruhe Institute of Technology (KIT), in cooperation with Chemieanlagenbau Chemnitz, has produced renewable fuel at its Bioliq (biomass to liquid karlsruhe) pilot plant.

2013-10-14 | press release | Germany | synthetic fuels

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### **H2 Mobility initiative: action plan for the construction of a hydrogen refuelling network in Germany**

The six partners in the "H2 Mobility" initiative - Air Liquide, Daimler, Linde, OMV, Shell and Total - have set up upon a specific action plan for the construction of a nationwide hydrogen refuelling network for fuel cell powered electric vehicles.

2013-10-14 | press release | Germany | hydrogen

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### **Audit of the DoE's Financial Assistance for Integrated Biorefineries**

Despite over 7 years of effort and the expenditure of about \$603 million, the Department of Energy had not yet achieved its biorefinery goals. Specifically, the EPAct mandate to demonstrate the commercial application of integrated biorefineries had not been met and the Department was not on target to meet its biofuels production capacity goal.

2013-10-14 | publication | USA | biorefinery

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### **South Africa to mandate biofuel blending starting in 2015**

The Republic of South Africa's Department of Energy recently announced that the country will begin requiring biofuels to be blended with gasoline and diesel starting Oct. 1, 2015.

2013-10-25 | legislation | International | biofuels

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### **Opening of plant for the production of second generation biofuels in Crescentino**

The world's first commercial-scale plant for the production of bioethanol from non-food biomass sources was officially inaugurated by the Minister for Economic Development Flavio Zanonato and the local Authorities

2013-10-25 | press release | Italy | ethanol

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### **16th EBTP Newsletter online**

The 16th EBTP Newsletter can now be viewed at the EBTP Homepage and covers a range of topics.

2013-11-22 | newsletter | International | biofuels

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### **Sugarcane diesel to decrease black smoke by 42%**

Automaker MAN Latin America has recently announced that it has completed 500 hours of testing on diesel made from sugarcane.

2013-11-22 | press release | International | synthetic fuels

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## **BDI obtains commission for the biggest Multi-Feedstock BioDiesel plant**

BDI BioEnergy International AG has been commissioned to build the biggest Multi-Feedstock BioDiesel plant in the world in the Netherlands with an estimated worth of EUR 47 million. In future, the plant will be producing BioDiesel from waste materials and will have a total capacity of 250,000 tonnes/year.

2014-01-09 | press release | Austria | biodiesel

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## **Canada recent progress in transportation biofuels**

Article in the IEA Bioenergy Task 39 Newsletter

Readers of past newsletters will know that Task 39's tradition is to profile biofuels work occurring within one of Task's member countries. This newsletter features a report on the latest biofuels policy, facilities, funding and research developments in Canada.

2014-01-09 | publication | Canada | biofuels

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## **Crescentino biorefinery opened**

The world's largest advanced bioethanol production facility has been opened in Northern Italy.

2014-01-09 | press release | International | material use of biomass

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## **Import duties on biodiesel**

The European Union will impose punitive duties on imports of biodiesel from both Argentina and Indonesia for the next five years, after ruling that producers there were selling at unfairly low prices detrimental to European manufacturers.

2014-01-09 | legislation | EU | biodiesel

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## **Carbon Dioxide Emissions from Fuel Combustion 2013**

This book provides data on carbon dioxide emission from fuel combustion from 1971 to 2010 for more than 140 countries and regions by sector and by fuel.

2014-01-09 | publication | International | emissions

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## **Central European Biomass Conference**

More than 1.100 participants from 45 nations

The 4th Central European biomass conference is a great success for the organisers with more than 1.100 participants from all continents - 45 nations on the whole.

2014-01-23 | conference proceedings | Austria | bioenergy

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## **BiogasScience 2014**

Call for Abstracts

The Organising Committee cordially invites experts interested in the field of anaerobic digestion to participate in the Biogas Science 2014 in Vienna. The conference will take place in the remarkable venue of the SchÃ¶nbrunn palace from the 26th to 30th October 2014.

2014-01-23 | call | Austria | biogas

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## **U.S. ethanol exports in November 2013**

U.S. ethanol exports surged to 82.4 million gallons in November, with large volumes finding their way into new or emerging markets such as China and India, as well as the Philippines, Tunisia, Panama, and Mexico, according to US government data.

2014-01-23 | press release | USA | ethanol

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### **WSED next â?? a conference for young researchers**

The conference will be held in the context of the annual "World Sustainable Energy Days" conference in Wels, Austria from 25 - 28 th of February.

2014-02-12 | event note | Austria | renewable energy

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### **4th International Symposium on Gasification and its Applications**

Call for Papers

The 4th International Symposium on Gasification and its Applications (iSGA-4) will be held on 2-5 of September 2014 in Vienna, Austria. The call for papers is open until 17th of March.

2014-02-12 | call | Austria | conversion technologies

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### **Standard values specified in the RED need to be revised?**

The German Biomass Research Center (DBFZ) has studied the effect of different transport expenditures involved in the collection of animal fats and vegetable waste oils on the greenhouse gas balance of biofuels produced from these. The DBFZ comes to the conclusion that the standard values specified in Renewable Energies Directive (2009/28/EC) have to be revised.

2014-02-12 | press release | International | material use of biomass

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### **Iogen announces new drop - in cellulosic biofuel**

Iogen Corporation announced it has developed a new method to make drop-in cellulosic biofuels from biogas using existing refinery assets.

2014-02-12 | press release | USA | conversion technologies

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### **Answer from Khosla Ventures to â??The Cleantech Crashâ?•**

On January 14, Khosla Ventures answered in an â??Open Letterâ?• to CBSâ?? 60 Minutes â??The Cleantech Crashâ?•.

2014-02-12 | publication | International | energy supply

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### **Biofuels demand will surpass 51 billion gallons annually by 2022**

The report, â??Biofuels for Transportation Marketsâ?•, analyzes the emerging markets and future growth opportunities for biofuels, including ethanol, biodiesel, and drop-in biofuels.

2014-02-26 | publication | International | biofuels

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### **POET-DSMâ??s first commercial cellulosic bio-ethanol plant on schedule**

POET-DSM Advanced Biofuelâ??s first commercial cellulosic bio-ethanol plant remains on schedule for startup in the first part of 2014.

2014-02-26 | project | International | ethanol

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## Gas-to-liquids plants face challenges in the U.S. market

To improve the long-term profitability of GTL plants, developers have reconfigured their designs to include the production of waxes and lubricating products, which are another primary product of the F-T process.

2014-02-26 | press release | USA | markets

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## The world's first biogas plant for LBG

Lidköping Biogas is one of the world's first plants for Liquefied Biogas (LBG). The new plant is a joint effort for the companies Swedish Biogas International Lidköping AB, Göteborg Energi AB and the Municipality of Lidköping.

2014-02-26 | press release | Sweden | biogas

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## EU waste could provide 16 percent of road fuel by 2030

According to a newly released study conducted by the International Council for Clean Transportation and the National Non-Food Crops Centre, if all sustainably available waste and residuals were converted to biofuels, it could supply up to 16 percent of the European Union's road fuel by 2030.

2014-03-13 | publication | EU | feedstock

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## Ethanol: higher margins for distillers grains

The abundant 2013 corn harvest lowered the price of corn. In addition to lower corn input costs, ethanol producers are also benefiting from improving margins for dried distillers grains, an important supplement for animal feed that is the major co-product of ethanol production from corn. Sales of dried distillers grains provide a significant portion of the total revenue received by ethanol.

2014-03-13 | press release | EU | ethanol

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## Indirect Land Use Change (iLUC) – A critical inventory for objective political decision-making

Proposal rejected - The EU Commission has failed in the first round with its biofuel legislation on Indirect Land Use Change (iLUC). With this statement Prof. Dr. Uwe Lahl, Technical University of Darmstadt, introduces in his article.

2014-03-13 | publication | EU | sustainability

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## Natural gas vehicles will see rapid rise globally through 2023

The number of light-duty vehicles running on natural gas will more than double over the next decade to 39.8 million traveling on roads worldwide, according to a report by research firm Navigant. Despite the rapid growth, natural gas will continue to have a modest market share compared to gasoline and diesel in 2023, fueling just 2.6 % of the cars and light-duty trucks on the road, Navigant projects.

2014-03-13 | press release | International | application

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## Neste Oil and DONG cooperate to develop microbial oil fuel

Neste Oil has joined forces with DONG Energy to develop an integrated process to produce renewable diesel and aviation fuel based on agricultural residues.

2014-03-28 | press release | International | conversion technologies

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## GoBiGas gasification plant in G ttingen inaugurated

The Valmet-supplied gasification plant at GoBiGas (Gothenburg Biomass Gasification Project) was inaugurated on March 12, 2014 in Gothenburg.

2014-03-28 | press release | Sweden | conversion technologies

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## Biofuels production drives growth in biomass energy use

Biomass energy consumption in the United States grew more than 60% from 2002 to 2013. This growth is almost entirely due to increased consumption of biomass for biofuels.

2014-03-28 | press release | USA | bioenergy

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## The World Aviation & Military Biofuels Summit

23 April 2014, Washington DC

The World Aviation & Military Biofuels Summit is a key annual component within ABLC2014, the bioeconomy leadership and networking event taking place April 21-23, 2014 in Washington, DC.

2014-03-28 | event note | USA | biofuels

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## Associations release renewable energy outlook paper

Multiple renewable energy trade association have teamed up to produce a single report that contains current market reviews, outlooks and policy recommendations for each respective sector, including biomass power, biomass thermal, waste-to-energy, ethanol, biodiesel and advanced biofuels.

2014-04-10 | publication | USA | renewable energy

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## EU rapeseed area expands

EU trade associations and the EU Commission estimate the rapeseed area for the 2014 harvest slightly higher than the previous year's figure.

2014-04-10 | press release | EU | feedstock

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## White House releases methane reduction strategy

On March 28, the White House released its Strategy to Reduce Methane Emissions under the President's Climate Action Plan. The strategy addresses methane from landfills, agriculture, coal mines and oil and gas operations.

2014-04-10 | legislation | USA | emissions

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## 7th International AGQM Conference FAME

Call for Papers

AGQM, the technical organization of the German Biodiesel industry, organises the 7th international biodiesel conference on 6th and 7th of November 2014 in Berlin, Germany. The call for abstracts is now open.

2014-04-10 | call | Germany | biodiesel

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## IEA Bioenergy Task 39 Newsletter online

#36 - special issue USA

Readers of past newsletters will know that Task 39's tradition is to profile biofuels work occurring

within one of Task 2's member countries. This newsletter features a report on the latest biofuels policy, facilities, funding and research developments in the USA.

2014-05-08 | newsletter | International | biofuels

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### **Biograce II Public Workshop**

10 June 2014, Vienna

The BioGrace-II consortium will hold a public workshop in Vienna on 10 June 2014. The project BioGrace-II seeks to harmonise calculations of greenhouse gas (GHG) emissions for electricity, heating and cooling from biomass.

2014-05-08 | event note | EU | emissions

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### **Impacts and achievements of IEE Bioenergy projects**

Conference 22 May 2014, Brussels

The conference will present the impacts achieved by the projects funded under the IEE programme as well as the final results of eight (8) solid biomass and biogas projects coming to an end in 2014.

2014-05-08 | event note | EU | R&D

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### **Researchers find potential to grow biofuel feedstock on PV farms**

Growing agave and other carefully chosen plants amid photovoltaic panels could allow solar farms not only to collect sunlight for electricity but also to produce crops for biofuels, according to new computer models by Stanford scientists.

2014-05-08 | project | USA | feedstock

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### **BioGrace Newsletter online**

The 9th BioGrace Newsletter has been published. Besides project information also the invitation to the 2nd BioGrace-II Public Workshop in Vienna is topic of this issue.

2014-05-23 | newsletter | EU | emissions

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### **Largest Commercial Advanced Biofuel Facility in U.S.**

UOP LLC, a Honeywell company, announced that its UOP/Eni Ecofining® process technology is powering the largest commercial advanced biofuel facility in the U.S., capable of producing more than 130 million gallons of renewable diesel per year.

2014-05-23 | press release | USA | biofuels

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### **Coal production and use in China**

China is by far the world's largest producer and consumer of coal, accounting for 46% of global coal production and 49% of global coal consumption – almost as much as the rest of the world combined.

2014-05-23 | press release | China | energy supply

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### **Mapping of Finland's CBG filling stations**

Biogas is the only 100% biofuel available in public filling stations in Finland. To facilitate the use of the CBG100 network (CBG100 = 100% Compressed Biomethane) the Finnish Biogas Association published a map of the stations. It has recently received a major upgrade.

2014-05-23 | press release | Finland | biogas

### **7th International AGQM Conference FAME**

Renewable Fuel and Chemical Building Block

Arbeitsgemeinschaft Qualitätsmanagement Biodiesel e.V. (AGQM) will host its 7th International Conference in Berlin on 6 and 7 November 2014.

2014-06-13 | event note | Germany | material use of biomass

### **Patriot Renewable Fuels plans first stage of major cellulosic ethanol project**

Patriot Renewable Fuels announced that Leifmark has been hired for the first stage of a plan for co-locating a Biorefinery on the site of Patriot's 130 million gallon per year grain-ethanol plant in Illinois.

2014-06-13 | press release | USA | ethanol

### **Boeing Reports Improved Environmental Performance**

Boeing released its annual Environment Report highlighting the company's commitments and accomplishments in improving environmental performance.

2014-06-13 | press release | International | sustainability

### **Biofuels debate continues, despite EU agreement**

EU energy ministers agreed to a 7% cap on the fuels for use in transport.

2014-06-30 | legislation | EU | biofuels

### **Revised ASTM Aviation Fuel Standard**

Renewable Synthesized Iso-Paraffinic (SIP) fuel has now been included in ASTM International standard D7566, Specification for Aviation Turbine Fuel Containing Synthesized Hydrocarbons.

2014-06-30 | press release | International | application

### **World Production of Biodiesel Seen Increasing Further in 2014**

OIL WORLD ISTA Mielke GmbH tentatively forecast world production of biodiesel at a record 29.1 mio. t in Jan/Dec 2014.

2014-06-30 | press release | International | biodiesel

### **12th International Conference "Fuels of the Future 2015"**

19-20 January 2015, Berlin

The 12th International Conference on Biofuels "Fuels of the Future 2015" will take place on 19th and 20th January 2015 in Berlin.

2014-06-30 | event note | International | biofuels

### **Fact sheets on biomass gasification published**

IEA Bioenergy Task 33 (Thermal Gasification of Biomass) published 8 fact sheets on biomass gasification.

2014-06-30 | publication | International | conversion technologies

## **AMFI Newsletter 2/2014**

The current issue of the AMFI newsletter has been released.

2014-07-28 | newsletter | International | advanced motor fuels

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## **IEA Bioenergy News Volume 26 - June 2014**

IEA Bioenergy News is the newsletter of IEA Bioenergy. This issue covers the May ExCo73 meeting in Copenhagen, Denmark. It also features an editorial "Bioenergy in Denmark, a focus on Task 33, the Noticeboard, and recent publications and upcoming events.

2014-07-09 | newsletter | International | bioenergy

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## **IEA Advanced Fuel Cells Implementing Agreement - Key Messages**

The IEA Advanced Fuel Cells Implementing Agreement published a new document titled IEA Advanced Fuel Cells Implementing Agreement - Key Messages.

2014-07-09 | publication | International | alternative powertrains

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## **EC report on sustainability of solid and gaseous biomass**

The European Commission has published a new report on the sustainability of solid and gaseous biomass for heat and electricity generation, in the context of the EU's 2020 renewable energy targets.

2014-08-11 | publication | EU | bioenergy

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## **Workshop "Towards the Future of Biodiesel"**

18/19 September 2014, Graz

Highlights are the latest news on the political framework for biofuels, presented by Dieter Bockey from UFOP, the latest developments of modern engine technology, presented by Dr. Herwig Ofner, Project Manager R&D, AVL, Austria, as well as sustainability requirements by Gerfried Jungmeier, Joanneum Research.

2014-09-02 | event note | Austria | biodiesel

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## **Danish biorefinery Maabjerg Energy Concept receives EU funding**

Plans for constructing a large scale production facility for 2nd generation bioethanol in the western part of Denmark has made a huge step forward: The EU Commission has awarded €39 million in funding from the NER300 programme to the Maabjerg Energy Concept consortium.

2014-07-28 | press release | EU | ethanol

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## **Report "State of the Climate in 2013" is out**

In 2013, the majority of worldwide climate indicators - greenhouse gases, sea levels, global temperatures - continued to reflect trends of a warmer planet, according to the indicators assessed in the State of the Climate in 2013 report.

2014-07-28 | publication | International | sustainability

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## **Space for energy crops - spare land or undervalued resource?**

New report from the Institute for European Environmental Policy (IEEP)

Based on a review of the available evidence, IEEP's report "Space for energy crops"

challenges the common perception that significant amounts of "spare" land on European farms exist that could be mobilized quickly or sustainably to produce biomass from dedicated energy crops.  
2014-07-28 | publication | EU | sustainability

### **Green Fuels Technology to Produce Renewable Jet Fuel in Abu Dabi**

UOP LLC, a Honeywell company, announced that its green fuels process technology has been selected by Petrixo Oil & Gas to produce renewable jet fuel and renewable diesel at a new refinery to be built in Fujairah, United Arab Emirates.

2014-07-28 | press release | International | biofuels

### **Biofuels for the US Navy**

The Department of Defense (DoD) released its annual procurement for bulk fuels. For the first time, this procurement requests military-specification diesel fuel and jet fuel that are blended with biofuels.

2014-08-11 | press release | USA | biofuels

### **IEA task 34 "pyrolysis" issue 35**

The IEA Bioenergy Task 34 "Pyrolysis" has recently published issue 35 of their newsletter.

2014-08-11 | newsletter | International | conversion technologies

### **US Biomass Magazine Launches New Biogas Producer Map**

Biomass Magazine has recently published a 2015 U.S. Biogas Producer Map. This is the only online map produced that plots the location and status of all U.S. biogas production from on-farm facilities and waste water treatment plants producing grid-connected bioenergy.

2014-08-11 | press release | USA | biogas

### **Cathay Pacific invests in sustainable biojet fuel developer**

Cathay Pacific Airways has made a strategic equity investment in Fulcrum, which is a world pioneer in the development and commercialisation of converting municipal solid waste into sustainable aviation fuel or "biojet fuel".

2014-09-02 | press release | International | biofuels

### **IEA task 37 "Biogas" - newsletter is online**

The newsletter contains a number of contributions about the biogas use in the transport sector.

2014-09-22 | newsletter | International | biogas

### **Greenhouse Gas Estimation from American Farms**

Conservation practices and other management changes can reduce greenhouse gas (GHG) emissions and increase carbon storage while improving soil health, crop or livestock productivity, and resilience to drought and other extreme weather.

2014-09-02 | publication | USA | emissions

### **Forest naturalness indicator for Europe**

This report documents the first steps for the development of a forest naturalness indicator for Europe.

2014-09-02 | publication | EU | material use of biomass

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### **26th International AVL Conference "Engine & Environment"**

11/12 September 2014, Graz

ENGINE 2020: SPARK VERSUS COMPRESSION IGNITION IN A NEW ENVIRONMENT

2014-09-02 | event note | International | alternative powertrains

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### **Butamax and Highwater Ethanol Break Ground on Biobutanol Project**

The Butamax technology package will include the installation of novel corn oil separation technology.

2014-09-02 | press release | USA | biofuels

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### **IEA Medium-Term Renewable Energy Market Report 2014**

The report assesses market trends and provides projections through 2020 for renewables in the electricity, transport and heat sectors.

2014-09-22 | publication | International | renewable energy

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### **POET-DSM opens commercial-scale cellulosic ethanol plant**

On September 3, a joint venture company called POET-DSM Advanced Biofuels held the grand opening of its Project Liberty cellulosic ethanol plant in Emmetsburg, Iowa.

2014-09-22 | press release | USA | ethanol

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### **New, high-energy rechargeable batteries**

2014-09-22 | press release | International | electromobility

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### **IEA Bioenergy Task 39 Newsletter online**

#37 - special issue Brazil

Task 39 is a group of international experts working to commercialize sustainable transportation biofuels.

2014-09-26 | newsletter | International | biofuels

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### **US Navy, DOE, USDA award \$210M for 3 biorefineries**

2014-09-22 | press release | USA | biofuels

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### **17th Annual World Ethanol & Biofuels Conference**

Budapest, 3-6 November 2014

World Ethanol & Biofuels 2014 offers an opportunity to examine the pressing issues impacting the biofuel business.

2014-09-22 | event note | International | biofuels

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### **Eco-Mobility 2014**

Vienna, Tech Gate, 20-21 Oct. 2014

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A3PS invites you to the International Conference Eco-Mobility 2014 with Focus on Fuel Cells and Hydrogen (1st day) and all other Eco-Mobility Technology Options (2nd day).

2014-10-14 | event note | International | alternative powertrains

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### **EST - Energy, Science, Technology**

Call for papers

Please submit your abstracts until 1st December 2014.

2014-10-14 | event note | International | material use of biomass

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### **IEA AMF project on Methane Fuelled Heavy Duty completed**

The IEA Bioenergy Task 41 joint project with AMF on the 'Enhanced emission performance and fuel efficiency of HD methane engines' has been completed and the final report and a summary brochure are now available.

2014-10-15 | project | International | SNG

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### **Commercial cellulosic ethanol plant to be built in Slovakia**

Biochemtex and Beta Renewables announced they have signed a definitive agreement with ENERGOCHEMICA SE for the construction of a 2nd Generation Ethanol plant in Strazske, Slovak Republic.

2014-11-04 | press release | EU | ethanol

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### **Climate-forcing F-gases â?? new report published**

Fluorinated gases (F-gases) are emitted into the atmosphere in relatively small quantities, but their effect on climate change is increasingly significant.

2014-10-14 | publication | International | emissions

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### **Advanced biofuels industry calls EP to take firm action on ILUC directive proposal**

The Leaders of Sustainable Biofuels would like to underline the necessity to create enough room for advanced biofuels to grow up to 2020 and beyond.

2014-10-15 | press release | International | biofuels

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### **US funding for algae biofuel development**

The Office of Energy Efficiency and Renewable Energy will fund Targeted Algal Biofuels and Bioproducts projects with 25 million US\$.

2014-10-15 | call | USA | R&D

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### **1st EABA and EC Algae Contractors' Conference and 8th International Algae Congress**

Florence, Italy 1-3 Dec. 2014

The objective of the joint Conference is to discuss with all key EU algae stakeholders the progress achieved over the past 7 years since the inception of the 7th Framework Programme and to

deliberate on the present status of Algal Biofuels.

2014-10-15 | press release | EU | Algae

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### **JRC Report on bioenergy deployment in the Danube region**

The report of the Joint Research Centre of the European Commission (JRC) aims to present a comprehensive analysis of current and expected deployment up to 2020 of bioenergy in 16 countries of Danube region.

2014-11-04 | publication | International | renewable energy

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### **EU leaders adopt 'flexible' energy and climate targets for 2030**

EU leaders committed on 23 October to reduce greenhouse gas emissions by at least 40%, and increase energy efficiency and renewables by at least 27% by 2030.

2014-11-04 | press release | EU | renewable energy

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### **IEA task 42 Brochure on the status of biorefining**

The recent report presents fact sheets of examples biorefinery facilities in the participating countries.

2014-11-05 | publication | International | material use of biomass

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### **Abengoa celebrates opening of its first commercial-scale next generation biofuels plant**

Hugoton/ USA, 17 Oct 2014

The plant began producing cellulosic ethanol at the end of September with the capacity to produce up to 25 million gallons per year.

2014-11-04 | press release | USA | ethanol

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### **EIA International Energy Outlook 2014 released**

World liquid fuels use projected to rise 38% by 2040.

2014-11-05 | publication | International | energy supply

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### **Bioenergy and Land-use and mitigating iLUC**

IEA Bioenergy has organized with help by the European Commission a workshop on Land use and mitigating iLUC in Brussels, Belgium on the 23rd October 2014.

2014-11-20 | conference review | International | sustainability

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### **Pilot development of an LNG propulsion system for passenger and freight transport**

The project concerns the construction and pilot deployment of a liquefied natural gas (LNG) propulsion system for a ferry between the port of Cuxhaven and the island of Helgoland.

2014-11-20 | press release | EU | advanced motor fuels

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### **Ethanol Maker KiOR files for Bankruptcy**

Cellulosic ethanol maker KiOR on November 9 filed for Chapter 11 bankruptcy protection.

2014-11-20 | press release | USA | ethanol

### **International specialist conference â??Fuels of the Future 2015â?•**

Berlin, 19/20 January 2015

The highlight event of the German biofuels industry with more than 500 participants from 30 countries

2014-11-20 | event note | International | biofuels

### **New ICCT studies**

The International Council for Clean Transportation (ICCT) has come up with a series of new publications.

2014-12-04 | publication | International | markets

### **Biodiesel Additive News**

A recent report issued by Grand View Research Inc. indicates the global market for specialty fuel additives is expected to reach \$8.5 billion by 2020.

2014-12-04 | publication | International | biodiesel

### **FaBE 2015 - 2nd Int. Conference on Food and Biosystems Engineering**

Mykonos/Greece, 28-31 May 2015

The application of novel technology in the sector of processing of agricultural and food products results an important pathway for the development of â??healthyâ?• enterprise activities and achievement of competitive advantage.

2014-12-04 | event note | International | R&D

### **EPA: Revised Framework for Assessing Biogenic CO2 Emissions from Stationary Sources**

To continue advancing its technical understanding of the role the use of biomass can play in reducing overall greenhouse emissions, the U.S. Environmental Agency (EPA) has developed a second draft of the technical report, the Framework for Assessing Biogenic Carbon Dioxide for Stationary Sources, for further review.

2014-12-04 | publication | USA | feedstock

### **Oslo becomes first bio-jet fuel hub**

Avinorâ??s Oslo Airport will become the worldâ??s first hub to receive regular deliveries of bio-fuel.

2014-12-19 | press release | International | biofuels

### **Malaysian state Sarawak poised to be a regional biomass hub**

Sarawak takes the regional lead in the biomass based industry with the setting up of South East Asiaâ??s first Commercial Scale 2nd Generation (2G) Bioethanol and Biochemical plant in the state.

2014-12-19 | press release | Malaysia | material use of biomass

### **Whisky and biofuels**

Celtic Renewables has proved the concept of producing biobutanol from draff – the sugar rich kernels of barley.

2014-12-19 | press release | International | ethanol

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### **Greenhouse gas impact of marginal fossil fuel use**

This study first analyses the cause-effect relations of the marginal decrease of EU fossil fuel consumption (effect of introducing biofuels) on the global development and exploitation of new fossil fuel sources.

2014-12-19 | publication | EU | biofuels

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### **Enzymatic solution for biodiesel**

Novozymes announced the launch of Novozymes Eversa®, the first commercially available enzymatic solution to make biodiesel from waste oils.

2014-12-19 | press release | International | biodiesel

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### **Whyalla : Green crude demonstration plant**

Australia's first integrated demonstration scale plant to sustainably convert microalgae into green crude.

2014-12-19 | press release | International | Algae

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### **Boeing ecoDemonstrator 787 flies on "Green Diesel"**

Boeing has completed the world's first flight using "green diesel," a biofuel that is used in ground transportation.

2014-12-19 | press release | International | biofuels

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### **More action needed to reduce transport's environmental impact in EU**

The transport sector is still generating excessive greenhouse gas emissions and harmful levels of air pollution and noise, according to the latest edition of the European Environment Agency's (EEA) annual report on environment and transport.

2014-12-19 | publication | EU | markets

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### **Iogen's cellulosic biofuel technology reaches production milestone**

Iogen Corporation (Canada), and Raízen (Brazil) announced they have begun production of cellulosic ethanol at the Costa Pinto sugar cane mill in Piracicaba, São Paulo, Brazil.

2015-01-20 | press release | International | ethanol

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### **Airbus: co-operation with Emerging Fuel Technology Inc.**

Airbus Group has signed a Memorandum of Understanding (MOU) with Emerging Fuels Technology, Inc.(EFT) to promote EFT in the commercialization of technologies to produce sustainable fuels for aviation.

2015-01-20 | press release | EU | advanced motor fuels

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### **E2 Advanced Biofuel Market Report - Highlights**

E2â??s fourth annual Advanced Biofuel Market Report catalogs the growths and challenges in the advanced biofuel industry and provides updates since the publication of the 2013 report.

2015-01-20 | press release | USA | biofuels

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### **IEA task 39 Newsletter online**

#38 - special issue on the Netherlands

This issue features a Biofuels country update from the Netherlands, an update on Task 39â??s ongoing work, and a short summary of some of other relevant news in the Biofuels area (such as the expansion of cellulosic ethanol in the US and Brazil).

2015-01-20 | newsletter | International | biofuels

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### **Bio-aromatics from non-food biomass**

Anellotech Inc., IFP Energies nouvelles (IFPEN) and its subsidiary Axens have announced a strategic alliance to develop and commercialize a new technology for the low cost production of bio-based benzene, toluene and paraxylene using Anellotechâ??s process of Catalytic Fast Pyrolysis (CFP) of biomass.

2015-02-03 | press release | International | material use of biomass

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### **U.S. Navy Flies Supersonic With Biofuel**

The U.S. Navy, Naval Air Systems Command (NAVAIR), and Gevo, Inc. announced the first successful "alcohol-to-jet" (ATJ) supersonic flight at the Naval Air Warfare Center.

2015-01-20 | press release | USA | biofuels

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### **AMFI Newsletter 4/2014**

The current issue of the AMFI newsletter has been released.

2015-01-20 | newsletter | International | advanced motor fuels

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### **Transport biofuels: ILUC prevention project published**

Potential indirect land use change (ILUC) triggered by increased production of crops for biofuels has become a critical point of discussion.

2015-02-03 | publication | EU | biofuels

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### **Sugarcane from Europe**

Alkol Biotech (Spain) will develop new sugarcane varieties with better characteristics, such as better resistance to pests, higher sugar or fiber yields, more resistance to chemicals, etc..

2015-02-03 | press release | EU | feedstock

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### **Roundtable of Sustainable Biomaterials calls for public comment on its principles & criteria**

The Roundtable of Sustainable Biomaterials (RSB) announced a 60-day public consultation for revision of the RSB Principles & Criteria starting on 28 January 2015.

2015-02-03 | press release | International | certification

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## **EBTP-SABS Draft Report on "Barriers to Biofuels in Europe"**

The implementation of commercial scale projects is slowed down by factors that are not only directly connected with the global crisis.

2015-02-03 | publication | EU | biofuels

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## **FaBE 2015 - extended deadline for papers**

Mykonos/Greece, 28-31 May 2015

The 2nd Int. Conference on Food and Biosystems Engineering (FaBE 2015) deals with the application of novel technology in the sector of processing of agricultural and food products.

2015-02-03 | event note | International | material use of biomass

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## **Statistical reports on UK biofuel consumption**

The UK Department for Transport released two reports that cover the supply of renewable fuels under the Renewable Transport Fuel Obligation.

2015-02-24 | publication | UK | biofuels

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## **Guido Ghisolfi dead**

Guido Ghisolfi, 58, was the builder of the first commercial cellulosic ethanol plant.

2015-03-19 | press release | Italy | markets

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## **Statement from the Commission on the Council's position at first reading on the ILUC proposal**

The Commission regrets that the Council position has lowered the level of ambition in mitigating the ILUC impacts of conventional biofuels and contains no significant incentives for the transition towards advanced biofuels and other non-ILUC options.

2015-02-24 | press release | EU | biofuels

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## **New Subsidies for Biofuel in Indonesia**

Palm oil futures prices climbed to a 2-year-peak as Indonesian government is expected to increase biofuel subsidies.

2015-02-24 | press release | Indonesia | biofuels

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## **Neste Oil and Renewable Energy Group enter into license agreement**

Neste Oil Corporation of Finland and Renewable Energy Group (Iowa, USA) have entered into a Agreement settling their mutual patent infringement lawsuits.

2015-02-24 | press release | International | biofuels

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## **Neste Oil: Renewable fuels greener than electric cars**

A report by the European Commission, the car industry, and the fuel industry states that the CO<sub>2</sub> emissions of a vehicle that uses biofuel may be even lower than the emissions of an electric car.

2015-02-24 | press release | International | emissions

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## **Christoph-Doppler-Labor für Glycerin Biotechnologie an der BOKU Wien**

. Sonnenblumen, Raps oder Äpfelpalmen zu Biodiesel, verbleiben etwa 10% des PflanzenÄ¶ls als Glycerin. Es besteht Bedarf, Glycerin Ä¶ber das bisherige Verwendung in der Nahrungsmittelindustrie, Kosmetik und der Medizin/Pharmazie hinaus neuen MÄ¶rkten zuzufÄ¶hren.

2015-03-19 | press release | Austria | material use of biomass

### **US-Ethanol: Long-term Projections 2024**

A study of the United States Department of Agriculture projects the next 10 years.

2015-03-19 | publication | USA | ethanol

### **Annual ethanol conference of the US-Renewable Fuel Association**

In 2014, the industry churned out a record 14.3 billion gallons of ethanol.

2015-03-19 | press release | USA | ethanol

### **European Parliament: Environment Committee backs switchover to advanced biofuels**

A draft law to cap the production of traditional biofuels and accelerate the shift to alternative sources.

2015-03-19 | press release | EU | biofuels

### **Weak mineral oil prices beat down prices of vegetable oil**

Vegetable oil prices dropped at the end of February 2015.

2015-03-19 | press release | International | pure plant oil

### **European Biomethane Roadmap**

The GreenGasGrids project has reviewed the present market status and has thoroughly looked at the obstacles hindering the broader production and application of biomethane.

2015-04-07 | project | EU | bioenergy

### **Oilseeds and biodiesel in Germany**

Information folder by UFOP out now

2015-04-07 | press release | Germany | biodiesel

### **Biogas for transport boom in the US**

Expanded cellulosic fuel pathways have led to a surge of biogas-based fuel credits, and producers are taking advantage of a significant boost to project economics.

2015-04-07 | press release | USA | ethanol

### **Gevo sells renewable jet fuel to NASA**

Gevo Inc. has announced that the National Aeronautics and Space Administration has purchased Gevo's renewable alcohol-to-jet fuel for aviation use.

2015-04-07 | press release | USA | biofuels

### **Navigant Research's Ä¶Advanced Energy Now 2015 Market ReportÄ¶**



The market report is the third annual report of market size, by revenue, of the advanced energy industry, worldwide and in the US.

2015-04-07 | publication | International | biofuels

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### **Ceres and Raízen: Sweet Sorghum for Ethanol**

Ceres, Inc., an agricultural biotechnology company, and Brazilian energy company Raízen S.A., have signed a multi-year collaboration agreement to develop and produce sweet sorghum on an industrial scale.

2015-04-07 | press release | Brazil | ethanol

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### **U.S. ethanol exports in 2014 reach highest level since 2011**

According to US Energy Information Agency (EIA) U.S. exports of fuel ethanol in 2014 reached their second-highest level at a total of 826 million gallons.

2015-04-07 | press release | USA | ethanol

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### **BioTfuel: biofuels via thermochemical conversion**

In the BioTfuel project, Total is working with partners to develop technologies for converting lignocellulosic biomass, such as straw, forest waste and dedicated energy crops, into biofuels.

2015-04-07 | press release | International | biofuels

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### **EU reaches tentative deal to cap food-based biofuels**

European Union lawmakers reached a tentative deal on Wednesday (1 April) to place a 7% limit on how much crop-based biofuel can be used in the transport sector.

2015-04-07 | press release | EU | biofuels

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### **GLOBAL BIOENERGIES: Construction of the German isobutene demo plant started**

Global Bioenergies is one of the few companies worldwide, and the only one in Europe, that is developing a process to convert renewable resources into hydrocarbons through fermentation.

2015-04-07 | press release | EU | biofuels

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### **Gene improved eucalyptus approved in Brazil**

The Brazilian National Technical Commission on Biosafety approved the commercial use of the eucalyptus developed by FuturaGene, a subsidiary of Suzano Pulp and Paper.

2015-05-07 | press release | Brazil | feedstock

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### **US-EPA to finalize RFS rules by November**

2015-05-07 | press release | USA | biofuels

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### **Requirements rise for qualified certification of biofuel greenhouse gas balances**

German project to improve certification

With the introduction of the obligation to reduce greenhouse gases on 1st January 2015 in Germany, companies in the mineral oil sector which are obligated to provide evidence of this will request the most cost-efficient and, in particular, greenhouse gas-efficient biofuels.

2015-05-07 | press release | Germany | biofuels

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### **Oilseed futures: Upward trend has stopped for the time being**

Rapidly increasing supply from South America and, at the same time, falling demand for US soybeans put downward pressure on Chicago soybean prices.

2015-05-07 | press release | International | feedstock

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### **Oil company Total builds France's first biorefinery**

2015-05-07 | press release | France | biofuels

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### **NWBC 2015 - The 6th Nordic Wood Biorefinery Conference**

Helsinki, Finland, October 20 - 22, 2015

The international event, Nordic Wood Biorefinery Conference (NWBC), is the leading meeting forum for wood biorefinery professionals.

2015-05-07 | press release | International | material use of biomass

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### **Workshop on Sustainable alternative aviation fuels**

Vienna, 1 June 2015

This event will present and discuss results from the CORE-JetFuel project with focus on innovative technologies and value chains towards a large-scale market up-take of alternative aviation fuels.

2015-05-19 | event note | EU | biofuels

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### **San Francisco gets new biodiesel-electric buses**

The San Francisco Municipal Transportation Agency (SFMTA), has taken delivery of its first New Flyer Industries electric trolley and biodiesel-electric hybrid buses.

2015-05-20 | press release | USA | alternative powertrains

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### **UN Report: contribution of forests to ending hunger**

Link between forests and food production and nutrition could be the key to ending hunger and will be intimately linked to the global fight against climate change.

2015-05-19 | publication | International | sustainability

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### **Record for CO2 Concentration**

400 ppm Red Line Crossed in March

2015-05-19 | press release | International | sustainability

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### **Ethanol industry contributes \$2.34 billion to Minnesota economy**

Minnesota's ethanol industry accounted for \$2.34 billion of the state's gross domestic product in

2014.

2015-05-19 | publication | USA | markets

### **Brazil's market share in world ethanol sales declining**

Brazilian ethanol producers have lost significant market share internationally over the past few years as US exports have grown, in large part because of abundant US corn harvests, the US Energy Information Administration (EIA) said.

2015-06-17 | press release | Brazil | Algae

### **US-corn ethanol yields continue to improve**

In 2014, U.S. fuel ethanol production reached 14.3 billion gallons of fuel, the highest level ever.

2015-05-20 | press release | USA | markets

### **Greenhouse-gas payback times for crop-based biofuels**

A global increase in the demand for crop-based biofuels may be met by cropland expansion, and could require the sacrifice of natural vegetation.

2015-05-19 | publication | International | sustainability

### **5th International Conference on Lignocellulosic Ethanol**

15-17 September 2015, Brussels

The Conference will be facilitated by DuPont and all participants will be invited to visit its enzyme commercial plant at Bruges.

2015-06-17 | event note | International | ethanol

### **IEA report "Tracking Clean Energy Progress 2015"**

The report examines progress in the development and deployment of key clean energy technologies towards the 2°C scenario.

2015-06-17 | publication | International | renewable energy

### **St1 built an advanced ethanol plant in Gothenburg**

The first Etanolix® plant delivered to the market by St1 Biofuels Oy was inaugurated in June 2015 in Gothenburg, Sweden.

2015-06-17 | press release | EU | ethanol

### **Air pollutant emissions above legal limits in Europ**

Air pollutant emissions in the EU continue to exceed legal limits, according to a report from the European Environment Agency (EEA).

2015-06-17 | press release | EU | application

### **Annual report on on state of the European renewable ethanol industry**

Released by ePURE

The annual report offers a comprehensive look at the European ethanol industry, its market and policy environment, and is accompanied by a key facts sheet.

2015-07-02 | press release | EU | ethanol

### **Conference "DROP-IN Biofuels – International Conference on Microbial Hydrocarbon Production"**

25. to 27. Oct 2015, Frankfurt/Main (Germany)

Goal of the conference is to describe the current development status of the production of liquid hydrocarbons based on renewable resources and to discuss the further potentials for these processes with international experts.

2015-08-10 | event note | International | biofuels

### **Fuels of the Future 2016**

18-19 January 2016, Berlin

The international conference "Fuels of the Future 2016" is the leading event of the German biofuel industries and a major forum for discussion for German, European and global biofuels policy.

2015-07-02 | event note | International | biofuels

### **Amyris & Total's Jet Fuel Joint Venture**

Amyris, Inc. announced that it has agreed on key business terms with Total Energies Nouvelles Activités USA for restructuring its fuels joint venture to open the way for proceeding with commercialization of its jet fuel technology over the coming years.

2015-07-02 | press release | International | biofuels

### **USA: Ethanol production profits despite of low oil price**

Net profits have been in the red only five weeks since the start of 2015 and averaged \$0.11 per gallon.

2015-07-02 | publication | USA | ethanol

### **Horizon 2020 kick-starts bio-based industries with ~50 million**

The first ten projects of the new Bio-Based Industries Joint Undertaking (BBI JU), a partnership between the EU and industry, will get underway.

2015-07-21 | press release | EU | material use of biomass

### **The future of low-carbon road transport**

An expert-workshop report

The promise, prospects, and public policy trade-offs related to the development, production, and use of second-generation biofuels in road transport were addressed in an executive session with 28 of the world's leading experts.

2015-07-21 | publication | International | advanced motor fuels

### **US government intends to offers funding opportunity for incubator bioenergy projects**

The Office of Energy Efficiency and Renewable Energy (EERE) intends to issue a Funding Opportunity Announcement (FOA) entitled "Bioenergy Technologies Incubator 2".

2015-07-21 | press release | USA | material use of biomass

**Eco-mobility 2025plus conference**

9-10 November 2015, Vienna,

95 g CO<sub>2</sub>/km and lower – Technological Evolution or Revolution?

2015-07-21 | event note | International | alternative powertrains

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**GRFA, the Global Renewable Fuels Alliance**

GRFA, the Global Renewable Fuels Alliance is an international federation representing over 90 percent of the world's renewable fuels production from 45 different countries.

2015-07-21 | press release | International | biofuels

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**Power to Gas...**

brings a new focus to the issue of energy storage from renewable sources

2015-08-10 | press release | International | energy supply

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**BioEnergy International Press Release**

Increase of the order backlog in the first quarter of 2015

2015-08-10 | press release | International | biodiesel

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**Biodiesel Magazine reports on Algae Photobioreactors State-of-the-Art**

2015-08-10 | press release | International | biodiesel

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**Green Energy announces cooking with ethanol in Nigeria**

2015-08-10 | press release | International | ethanol

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**Lignofuels 2016**

20-21 January, Munich

2015-08-10 | event note | International | biofuels

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**First Pump Sales of Isobutanol-Blended Gasoline in Texas**

2015-08-10 | press release | International | biofuels

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**The climate effect of increased forest bioenergy use in Sweden**

2015-08-10 | publication | International | bioenergy

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**Ten Years RFS**

2015-08-10 | press release | International | material use of biomass

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### **FAO Global Vegetable Oil Price Index**

2015-08-11 | press release | International | pure plant oil

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### **Paving the way towards low carbon aviation**

2015-08-11 | press release | International | biofuels

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### **US Clean Power Plan**

U.S. carbon pollution from the power sector is to be cut by 870 million tons, or 32 percent below 2005 levels, until 2030.

2015-08-24 | legislation | USA | ethanol

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### **World Sustainable Days - Young researchers award**

Call for papers - deadline 9 October 2015

Awards in "Best Young Researcher: Biomass" and "Best Young Researcher: Energy Efficiency"

2015-08-24 | call | International | material use of biomass

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### **Study on "Actual GHG data for diesel, petrol, kerosene and natural gas" out now**

The study provides up-to-date well-to-tank figures on 17 natural gas pathways and 36 crude oil pathways.

2015-08-24 | press release | EU | emissions

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### **EIA predicts ethanol production will hold steady through 2016**

Ethanol production averages 935,000 barrels per day.

2015-08-24 | press release | USA | ethanol

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### **Lingofuels 2016**

20/21 Jan 2016, Munich

In-depth discussions and excellent networking with key lignofuels stakeholders

2015-09-14 | event note | International | conversion technologies

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### **US: decline in natural gas production**

Natural gas production across all major shale regions in the US Drilling Productivity Report (DPR) is projected to decrease for the first time in September.

2015-09-14 | press release | USA | feedstock

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### **Nature article on screening for oleaginous algae**

The authors present a screen concentrating on marine micro-algal strains, which are suitable for

scale-up.

2015-09-14 | publication | International | feedstock

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### **IEA Bioenergy Conference 2015 on bio-kerosene**

27-29 October 2015, Berlin

The target of international aviation industry is halving the sector's CO<sub>2</sub> emissions by 2050 compared to 2005, despite an annual increase in passenger numbers of 5%.

2015-09-14 | event note | International | biofuels

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### **Global Electric Vehicle Outlook 2015**

Overall, electric vehicles and charging infrastructure deployment has continued growing since the 2013 outlook.

2015-09-14 | publication | International | electromobility

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### **Biofuel Use in International Markets: The Importance of Trade**

A report of the United States Department of Agriculture

Global biofuel production rose tremendously over 2001-13, led largely by rapid growth in the United States and the European Union (EU).

2015-09-14 | publication | USA | ethanol

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### **Neste breaks ground on world's first Bio LPG facility in Rotterdam**

The EUR 60 million facility will start production of Bio LPG in the end of 2016.

2015-09-14 | press release | EU | biofuels

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### **US: 13 M cellulosic D3 RINs generated in July**

The U.S. Environmental Protection Agency (EPA) has released renewable identification number (RIN) generation data for July.

2015-09-21 | press release | USA | biofuels

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### **Biogas: IEA Bioenergy task 37 country report summary 2014**

The publication contains a compilation of summaries of country reports from members of IEA Bioenergy Biogas Task

2015-09-21 | publication | International | bioenergy

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### **World Bioenergy Association Global Bioenergy Statistics 2015**

Biomass has grown the strongest among all renewable energy sources.

2015-09-21 | publication | International | bioenergy

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### **US-BETO Seeks Stakeholder Input on Achieving High Yields from Algal Feedstocks**

The U.S. Department BETO has released a Request for Information (RFI) titled "High Yields through Productivity and Integration Research."



2015-09-21 | event note | USA | Algae

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### **Growing gasoline use in the US**

U.S. motor gasoline product supplied has been rising after reaching an 11-year low in 2012.

2015-09-28 | press release | USA | markets

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### **Neste: Growing ambitions in the non-traffic market**

The Finnish company Neste wants to develop business from non-traffic renewable product markets by the end of the decade.

2015-09-28 | press release | EU | material use of biomass

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### **World Energy Outlook Special Report 2015: Energy and Climate Change**

The IEA contributes to the Paris World Summit in December with a special report in the World Energy Outlook series.

2015-09-28 | publication | International | renewable energy

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### **German/ US joint venture to build the first DME fueled passenger car**

U.S. fuel company Oberon Fuels, Inc. is partnering with Ford Motor Company, and Forschungsvereinigung Verbrennungskraftmaschinen e. V. (FVV) for a 3-year, ~3.5 million project.

2015-09-28 | press release | International | advanced motor fuels

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### **Study on NOx control technologies for diesel passenger cars**

The study analyzes results of emissions tests on 32 Euro 6 diesel passenger cars from 10 different manufacturers.

2015-09-28 | press release | EU | emissions

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### **Studies Show Export Restrictions Keep US Fuel Prices Low**

The US "Consumers and Refiners United for Domestic Energy" reports on several studies showing that crude export restrictions keep prices for gasoline and other fuels low for American consumers.

2015-09-28 | press release | USA | markets

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### **USA: EPA Updates Emissions Standards for Petroleum Refineries**

The U.S. Environmental Protection Agency (EPA) has updated air pollution standards to further control toxic air emissions from petroleum refineries.

2015-10-13 | legislation | USA | emissions

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### **Volkswagen affair: official documents of U.S. authorities**

EPA's notice of violation of the US Clean Air Act to Volkswagen of September 18, 2015

2015-10-13 | press release | International | emissions

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### **Preparing the next 40 years of IEA technology collaboration**

Worldwide 268 distinct entities participate in Implementing Agreements of the IEA.

2015-10-27 | conference review | International | energy supply

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### **Airbus Global Market Forecast 2015-2034**

The 20-year demand is estimated by 32,600 new passenger and freight aircraft with a market value of \$4.9 trillion.

2015-10-13 | press release | International | markets

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### **Reminder: Eco-Mobility 2025+**

November 9th and 10th, 2015 Tech Gate Vienna

Eco-Mobility 2025plus is an international two-day conference with the aim to analyze trends in the development of advanced power train and vehicle technologies as well as energy carriers.

2015-10-27 | event note | International | alternative powertrains

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### **NexBTL to power City of Oakland's municipal fleet**

The City of Oakland, California began filling up its vehicles with Neste's NexBTL renewable diesel (RD) in order to reduce the emissions of their municipal fleet.

2015-10-27 | press release | USA | biodiesel

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### **EPA: Greenhouse Gas Emissions from Aircraft**

U.S. aircraft emit roughly 29 % of GHG emissions from all aircraft globally.

2015-10-27 | press release | International | emissions

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### **Clariant opens Biotech Center in Bavaria**

Clariant officially opened its new Group Biotechnology Research Center in Planegg near Munich.

2015-10-27 | press release | Germany | material use of biomass

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### **USA: Cellulosic Biofuels continue to climb**

U.S. EPA issues data on RINs generation through August.

2015-10-27 | press release | USA | biofuels

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### **Food Security: Past Progress and Prospects Through 2025**

In 1996, the US, the EC, and 184 other countries gathered at the World Food Summit (WFS) in Rome and pledged to reduce the number of food-insecure people by half by no later than 2015.

2015-10-27 | publication | International | sustainability

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### **AMFI Newsletter 3/2015**

The current issue of the AMFI newsletter has been released.

2015-10-27 | newsletter | International | advanced motor fuels

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### **Leaders Calling for a Price on Carbon Ahead of Paris Climate Talks**

For the first time, an unprecedented alliance of Heads of State, city and state leaders, with the

support of heads of leading companies, have joined forces to put a price on carbon.

2015-11-03 | press release | International | emissions

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### **Obama courts big business for support in climate talks**

President Obama is enlisting big companies to help him make the case for an international climate change pact.

2015-11-03 | press release | USA | emissions

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### **Indonesia's wild fire producing more emissions than the US**

According to estimates released by Guido van der Werf on the Global Fire Emissions Database, there have been nearly 100,000 active fire detections in Indonesia in 2015,

2015-11-02 | press release | Indonesia | emissions

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### **EU: Report on emission cuts**

The European Union is on track towards meeting and overachieving its 2020 target for reducing greenhouse emissions by 20%.

2015-11-02 | publication | EU | emissions

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### **Hottest September on Record**

The globally averaged temperature over land and ocean surfaces for September 2015 was the highest for September since record keeping began in 1880.

2015-11-03 | press release | International | emissions

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### **DuPont cellulosic ethanol facility launched**

Situated in a prime agricultural location, the \$225 million cellulosic ethanol plant in Nevada, Iowa will be among the first commercial-scale cellulosic biorefineries in the world.

2015-11-03 | press release | USA | ethanol

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### **Compare vehicle standards worldwide**

Nine countries and regions, which together account for 75% of global fuel consumption by light-duty vehicles, have adopted mandatory or voluntary standards for increasing fuel economy and reducing greenhouse gas (GHG) emissions.

2015-11-17 | press release | International | markets

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### **Indonesia: Pushing for Aviation Biofuel**

All airline companies operating in Indonesia will be obliged to use aviation biofuel for their aircraft instead of avtur from 2018 onwards.

2015-11-19 | press release | Indonesia | biofuels

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### **France: Avril opens 100,000 t/yr biodiesel plant in Mediterranean**

The plant will raise the company's biodiesel production capacity to 1.7 mio. t.

2015-11-19 | press release | France | biodiesel

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## **GAIN EU Biofuels Annual 2015 Report**

The Global Agriculture Information Network (GAIN) of the U.S. Department of Agriculture released its report on the EU biofuel market.

2015-11-17 | publication | EU | markets

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## **Global Bioeconomy Summit 2015**

Berlin, 25 to 26 November 2015

2015-11-19 | event note | International | sustainability

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## **USDA Report: Ethanol - Policy, Production, Use, Distribution, and Market Interaction**

The report of the United States Department of Agriculture (USDA) intends to bring clarity to the complex interaction of ethanol production with agricultural markets and government policies.

2015-11-19 | publication | USA | biofuels

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## **Neste and Boeing: commercialization of renewable aviation fuels**

The companies will work toward American Society for Testing and Materials (ASTM) fuel standard approval.

2015-11-18 | press release | International | biofuels

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## **Volkswagen Scandal and Wood Heat Technology**

The Volkswagen scandal should be a wake-up call to everyone who makes appliances that have to be tested for emissions and efficiency.

2015-11-19 | press release | International | sustainability

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## **Impact of real-world driving on emissions from UK cars**

Report to understand in detail the specific contributions to the emissions gap for the UK car and van fleet.

2015-11-18 | publication | UK | emissions

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## **IEA Bioenergy Conference 2015 in Berlin - Conclusions**

The IEA Bioenergy Conference 2015 had as its focus 'Realising the world's sustainable bioenergy potential'.

2015-11-19 | press release | International | bioenergy

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## **Lower N2O emissions from UK arable crop products**

The results of a major UK research project show emissions on UK arable land to be less than half the level previously estimated.

2015-11-19 | press release | UK | emissions

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## **Greenhouse gas concentrations hit yet another record**

Between 1990 and 2014 there was a 36% increase in radiative forcing because of long-lived greenhouse gases.

2015-11-30 | press release | International | emissions

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### **Mobilizing Sustainable Bioenergy Supply Chains**

A new IEA Bioenergy report

This report summarizes the results of an IEA Bioenergy inter-task project involving 6 tasks.

2015-11-30 | publication | International | bioenergy

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### **USA: EPA sets 2016 cellulosic waiver credit prices**

The U.S. Environmental Protection Agency (EPA) has published a notice to its website announcing its cellulosic waiver credit (CWC) price calculation for next year.

2015-11-30 | press release | USA | biofuels

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### **EU: CO2 emissions from new vehicles decreased in 2014**

Vehicles sold in the European Union in 2014 were, on average, 2.5% more efficient than those sold the previous year.

2015-11-30 | press release | EU | emissions

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### **Biodiesel consumption continues to decline in Germany**

The blending quota of biodiesel fell to 5.15 per cent.

2015-12-14 | press release | Germany | biodiesel

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### **USA: Final Renewable Fuel Standards for 2014, 2015 and 2016**

The U.S. Environmental Protection Agency (EPA) released the final rule making document.

2015-12-14 | legislation | USA | markets

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### **Study on value creation by bioethanol in Germany**

Every litre of bioethanol generates added value of EUR 0.50.

2015-12-14 | publication | Germany | ethanol

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### **New DIN fuel standard for B20 and B30**

B20 and B30 may only be used in HGVs.

2015-12-14 | legislation | Germany | biodiesel

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### **European Roadmap for an Algae-Based Industry**

6-8 April 2016, Olhão / Portugal

The Algae Cluster calls for papers.

2015-12-22 | event note | EU | Algae

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### **ICCT study: From laboratory to road**

38 % discrepancy in CO2-emissions

Already in 2014, an ICCT study reveals discrepancy between type-approval and on-road CO<sub>2</sub> emissions of cars.

2015-12-22 | publication | International | emissions

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### **Pacific Ethanol Begins Commercial Production of Cellulosic Ethanol**

The U.S. company Pacific Ethanol is now commercially producing cellulosic ethanol using Edeniq's Pathway enzyme at their Stockton facility.

2015-12-22 | press release | International | ethanol

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### **IEA Task 39 Newsletter**

#41 Special Issue on Germany

This issue features a Biofuels country update from Germany, an update on Task 39's ongoing work, and a short summary of some of other relevant news in the Biofuels area.

2016-01-27 | newsletter | International | biofuels

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### **CO<sub>2</sub> Truck Emission Reduction**

CO<sub>2</sub> emission limits on trucks have certainly not been reached.

2016-01-27 | press release | International | emissions

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### **~3.5 Million Project to Test World's First Production Passenger Car Powered by DME**

Oberon Fuels, Inc., the first company to produce fuel-grade dimethyl ether (DME) in North America, is partnering with Ford Motor Company, Forschungsvereinigung Verbrennungskraftmaschinen e. V. , and others on a 3-year, ~3.5 million project to research, analyze and test the potential of DME and oligomethyl ether (OME) fuel in passenger cars and heavy-duty truck engines.

2016-01-27 | press release | International | biofuels

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### **US: more biofuel production in 2016**

On November 30, EPA finalized a rule setting Renewable Fuel Standard (RFS) volumes for 2014 through 2016. EIA used these finalized volumes to develop the current STEO forecast and assumes the 2016 targets for 2017, except the biomass-based diesel 2017 target of 2.0 billion gallons, which was included in the November 30 rule.

2016-01-27 | press release | International | biofuels

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### **Power-to-Gas Call**

IEA-RETD launches call for proposal for Renewable Power-to-Gas (RE-P2G) study

2016-01-27 | call | International | conversion technologies

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### **Oslo Airport the first in the world to offer Neste's renewable aviation fuel**

Oslo Airport Gardermoen is the world's first airport to offer renewable aviation fuel refined by Neste for refueling airplanes. Lufthansa, SAS and KLM have already announced that they will be refueling their planes with aviation fuel containing a renewable component in Oslo

2016-01-27 | press release | International | biofuels

### **USDA: Information collection for the Residue and Biomass Field Survey**

The study will investigate the effect crop residue removal has on soil and water quality.

2016-01-27 | project | International | sustainability

### **European Environmental Agency: report on vehicle emissions published**

Despite improvements in vehicle efficiencies over past decades, EEA reports show that the road transport sector is responsible for almost one fifth of Europe's greenhouse gas emissions.

2016-02-11 | publication | EU | emissions

### **AMFI Newsletter 4/2015**

The current issue of the AMFI newsletter has been released.

2016-02-11 | newsletter | International | advanced motor fuels

### **Virent says Rolls-Royce testing shows its renewable jet fuel cuts harmful particulates**

US-based Virent says testing of its blended jet biofuel product shows a greater than 50% reduction in particulate matter emissions compared to conventional jet.

2016-02-11 | press release | USA | biofuels

### **Virent: Collaboration with Tesoro for Low Carbon Fuels and Chemicals**

Virent has entered into a strategic relationship with Tesoro to accelerate the development and commercialization of Virent's BioForming technology to produce low-carbon, drop-in, bio-based fuels and chemicals.

2016-02-11 | press release | USA | biofuels

### **Japan Airlines to build biofuel plant**

Japan Airlines (JAL) is building its first demonstration complex in Chiba Prefecture, east of Tokyo, aiming to get the fuel ready for use in their aircraft by 2020.

2016-02-11 | press release | International | biofuels

### **Sustainable Alternative Fuels in the European Aviation Environmental Report**

The European Advanced Biofuels Flightpath provides a roadmap to achieve an annual production rate of 2 million tonnes of sustainably produced biofuel for civil aviation by 2020.

2016-02-11 | publication | EU | biofuels

### **Gevo Signs Licensing and Joint Development Agreements With Porta**

Gevo, Inc. announced that it has entered into a license agreement and a joint development agreement with Porta Hnos S.A. to construct multiple isobutanol plants in Argentina using corn as a feedstock.

2016-02-11 | press release | International | biofuels



## **UFOP-Project – Lowering of the Boiling Curve of Biodiesel"**

The Thünen Institute of Agricultural Technology and the Technology Transfer Center Automotive Coburg (TAC) of the Coburg University of Applied Sciences modified the boiling behaviour of biodiesel by metathesis. This enables the new fuel to evaporate from the engine oil

2016-02-25 | press release | Germany | biofuels

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## **Perspectives for Sustainable Aviation Biofuels in Brazil**

The aviation industry has set ambitious goals to reduce carbon emissions in coming decades. The strategy involves the use of sustainable biofuels, aiming to achieve benefits from environmental, social, and economic perspectives.

2016-02-25 | press release | International | biofuels

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## **Chempolis and NRL's cellulosic ethanol project in India**

A joint venture project (ca. 110 M€) of Chempolis Ltd, Finland, and Numaligarh Refinery Limited (NRL) moves on after getting approval from NRL's board.

2016-02-25 | press release | International | biofuels

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## **Biofuels are back on the EU agenda**

Biofuels are returning to the political agenda in Europe as EU policymakers start to shape a strategy for reducing greenhouse gas emissions from transport after 2020.

2016-02-25 | press release | EU | biofuels

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## **Advanced Biofuels - the Developing Country Perspectives**

UNCTAD, the United Nations Conference on Trade and Development, highlighted for the first time in 2007 on advanced biofuels as a product with great potential but far away from markets.

2016-03-15 | publication | International | biofuels

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## **Cellulosic ethanol falls short – a critical review by Robert Rapier**

There have been many attempts to commercialize cellulosic ethanol since the early 1900s, and every 20-30 years or so we forget why this already failed.

2016-03-15 | press release | International | biofuels

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## **Emission reductions from renewable fuel of Neste**

"Our vision is to create responsible choices every day. We are the world's largest company that produces renewable fuel from waste and residue raw materials, and our goal is to further increase their use because they result in the highest greenhouse gas emission reductions", says Kaisa Hietala, Executive Vice President, Renewable Products at Neste.

2016-03-15 | press release | International | biofuels

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## **U.S. ethanol exports reach highest level since 2011**

U.S. exports of fuel ethanol reached their highest level in four years in 2015, totaling 844 million gallons, a slight increase from 2014 and second only to the 1.2 billion gallons exported during 2011. U.S. imports of ethanol, which totaled 73 million gallons in 2014, also increased in 2015, reaching a

total of 92 million gallons. The United States remained a net exporter of fuel ethanol for the sixth consecutive year and exported the fuel to 35 different countries in 2015.

2016-03-15 | press release | USA | biofuels

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### **Are technology myths stalling aviation climate policy?**

Emissions from aviation will continue to increase in the future, in contradiction of global climate policy objectives. Yet, airlines and airline organisations suggest that aviation will become climatically sustainable.

2016-03-15 | press release | International | biofuels

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### **Poor air quality: good energy policies can help save lives**

One hundred experts from governments, corporations, academia and civil groups around the globe gathered at the International Energy Agency (IEA) on 10 March to advise on energy policies and new technologies that could help reduce air pollution that each year causes millions of premature deaths and costs the global economy trillions of dollars.

2016-03-15 | press release | International | emissions

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### **Strong demand for biodiesel from Germany continued in 2015**

Although German foreign trade in biodiesel was not quite as brisk in 2015 as a year earlier, export figures published by the German Federal Statistical Office verify that interest in biodiesel from Germany continued to be high.

2016-03-15 | press release | International | biofuels

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### **2015 Survey of Non-Starch Ethanol and Renewable Hydrocarbon Biofuels Producers**

The purpose of this National Renewable Energy Laboratory (NREL) report is to document the status of the non-starch ethanol and renewable hydrocarbon biofuels industry in the United States.

2016-03-31 | publication | USA | biofuels

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### **US Advanced Biofuels Conference June 2016**

The National Advanced Biofuels Conference will take place between June 20 - 23rd at the Wisconsin Center, Milwaukee, USA.

2016-03-31 | event note | USA | biofuels

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### **Largest biogas plant to provide fuel for buses**

Wärtsilä has been awarded the order to supply a biogas liquefaction plant that will produce fuel for public transport vehicles, mainly in Norway.

2016-03-31 | press release | Norway | biofuels

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### **Poet's Iowa ethanol plant could reach full production by end of 2016**

Poet Inc., the nation's first commercial-scale producer of cellulosic ethanol could hit full production by the end of 2016.

2016-03-31 | press release | International | material use of biomass

### **Over 75% of Abengoa creditors okay standstill agreement**

Abengoa SA (BME:ABG) said today 75.04% of its creditors have agreed to a seven-month standstill contract, giving the engineering and renewables firm more time to work on its debt restructuring.

2016-03-31 | press release | International | bioenergy

### **United Airlines: Regularly Scheduled Flights Using Biofuel**

United Airlines begin use of commercial-scale volumes of aviation biofuel for scheduled flights with the departure of United Flight 708 from Los Angeles International Airport.

2016-03-31 | press release | USA | biofuels

### **IEA Bioenergy News**

IEA Bioenergy releases a Newsletter 3 to 4 times per year. It contains information on Task activities and latest publications.

2016-03-31 | newsletter | International | bioenergy

### **Southern Oil Refining to build biofuels pilot plant in Australia**

Australia-based Southern Oil Refining has announced plans to build a biofuels pilot plant in Gladstone, Queensland.

2016-04-14 | press release | International | biofuels

### **BIODEX-SA - First in Tunisia to Earn RSB Certification**

BIODEX-SA is the first company to collect waste oils and transform them into biodiesel in Africa, as well as the first in Tunisia to earn RSB certification.

2016-04-14 | press release | Africa | material use of biomass

### **Gevo's Alcohol to Jet Fuel Meets Approved ASTM Standard**

Gevo, Inc. announced that ASTM International Committee D02 on Petroleum Products, Liquid Fuels, and Lubricants and Subcommittee D02.J on Aviation Fuel passed a concurrent ballot approving the revision of ASTM D7566 (Standard Specification for Aviation Turbine Fuel Containing Synthesized Hydrocarbons) to include alcohol to jet synthetic paraffinic kerosene (ATJ-SPK) derived from renewable isobutanol (the D02.J Ballot).

2016-04-14 | press release | International | biofuels

### **US Bioenergy Technologies Office publishes Multi-Year Program Plan**

The US Office of Energy Efficiency and Renewable Energy has developed a framework for managing its portfolio based on investigating, evaluating, and selecting promising opportunities across a range of emerging technologies.

2016-04-14 | press release | USA | R&D

### **Air Canada to partner in biofuel initiative**

Air Canada will participate in Canada's Biojet Supply Chain Initiative (CBSCI), a three-year

collaborative project with 14 stakeholder organizations.

2016-04-14 | press release | Canada | material use of biomass

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### **Intrexon's Pilot Isobutanol Plant Online**

2016-04-14 | press release | USA | biofuels

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### **US: increased demand for higher-octane gasoline**

Since 2013, the share of premium gasoline in total gasoline sales has steadily increased to 11.3% in August and September 2015.

2016-04-14 | press release | USA | Transport Sector

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### **CO2 recovery plant started commercial operation at Neste's refinery in Singapore**

A carbon dioxide (CO2) recovery and liquefaction plant built at Neste's renewable products refinery in Singapore has started commercial operation.

2016-04-14 | press release | Asia | CO2 Recovery

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### **European Roadmap for an Algae-Based Industry – draft of a White Paper presented**

After three days of discussions, the experts identified the needs of the sector, pointing-out the direction of the European algae strategic research agenda, which will soon be published as a White Paper.

2016-04-14 | press release | EU | Algae

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### **European Biofuels Technology Platform Newsletter online**

2016-04-14 | newsletter | EU | biofuels

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### **Biofuel from black liquor**

RenFuel and Nordic Paper have signed an agreement to build a facility to test manufacture an advanced biofuel based on lignin (Lignol®).

2016-04-28 | press release | Sweden | biofuels

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### **FlightPath 1.5 Takes Off**

In mid-March, members of the International Coalition for Sustainable Aviation (ICSA) launched FlightPath 1.5 to address the urgent and growing need to reduce greenhouse gas emissions from the airline industry.

2016-04-28 | press release | International | biofuels

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### **Polish low-priced biodiesel exports**

The European Biodiesel Board (EBB) has recently alerted EU and national Member States authorities on important and increasing trade distortions of the EU internal market of biodiesel created by

biodiesel products exported from Poland at unfair low price levels.

2016-04-28 | press release | EU | biodiesel

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### **Neste Renewable Jet Fuel to power KLM flights between Oslo and Amsterdam**

Over the next few weeks, KLM will use Neste Renewable Jet Fuel in about 80 flights with the EMBRAER 190 from Oslo to Amsterdam.

2016-04-28 | press release | International | biofuels

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### **Reported CO2 emissions from new cars continue to fall**

Emissions from official testing reported by national authorities show that new cars sold in the European Union (EU) are increasingly more fuel-efficient.

2016-04-28 | press release | EU | material use of biomass

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### **US Transport Biofuel Forecast 2016 - 2017**

The US Environmental Protection Agency (EPA) finalized the RFS volumes for 2014 through 2016 in November 2015.

2016-04-28 | publication | USA | biofuels

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### **Air Liquide accelerates its development in biogas purification**

Air Liquide announces the commissioning of 12 biogas purification units in the last 12 months in Europe.

2016-04-28 | press release | EU | biogas

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### **US: Dollars for biorefinery projects**

The US Office of Energy Efficiency and Renewable Energy intends to issue a Funding Opportunity Announcement "Project Definition for Pilot and Demonstration Scale Manufacturing of Biofuels, Bioproducts, and Biopower".

2016-04-28 | press release | USA | material use of biomass

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### **Fifth Bio-based Jet Fuel Approved by FAA**

The US Federal Aviation Administration (FAA) recently approved a new, alternative bio-based jet fuel that meets ASTM International standards.

2016-04-28 | press release | USA | biofuels

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### **5th Central European Biomass Conference - Call for papers open**

January 18th to 20th, 2017

2016-04-28 | event note | International | bioenergy

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### **Germany: Biofuel and Bioelectricity Evaluation Report 2014**

The Federal Office of Agriculture and Food has published recently an "Evaluation Report 2014" according to the "Biomass Electricity Sustainability Ordinance and the "Biofuels Sustainable Ordinance" in its fifth consecutive year.

2016-04-28 | press release | Germany | bioenergy

### **India's First 2G-Alcohol Plant**

India's first Second Generation (2G) Alcohol demonstration plant was inaugurated on 22nd April 2016 by Dr. Harsh Vardhan, Minister of Science & Technology and Earth Sciences

2016-05-11 | press release | India | biofuels

### **Cellulosic Biorefineries – where are we today and tomorrow?**

These questions have been discussed at a panel of the 2016 BIO World Congress on Industrial Biotechnology.

2016-05-11 | press release | International | material use of biomass

### **11th A3PS Conference - Feasible Propulsion and Vehicle Technologies versus Political Visions**

Save the Date

2016-06-20 | press release | International | alternative powertrains

### **Nissan announces development of the world's first SOFC-powered vehicle system that runs on bio-ethanol electric power**

Nissan Motor Co., Ltd. announced that it is currently researching and developing a Solid Oxide Fuel-Cell (SOFC)-powered system that runs on bio-ethanol electric power.

2016-06-16 | press release | International | biofuels

### **Biodiesel to power lighting at Euro 2016**

Greentech Biofuels, an Irish firm specialising in green energy solutions, has teamed up with Saint Etienne Metropole and Ondaine Agro in order to bring biofuel-powered floodlights to one of the stadiums hosting Euro 2016.

2016-06-16 | press release | International | bioenergy

### **Weak palm oil prices force down vegetable oil price index**

The vegetable oil price index of FAO dropped by 3% in May 2016.

2016-06-29 | press release | International | biodiesel

### **Amyris/Total: two-year agreement to supply renewable jet fuel for Cathay Pacific**

A 10% blend of Amyris renewable jet fuel was used to power the delivery flight of the first Airbus A350 XWB to enter the Cathay Pacific fleet.

2016-06-29 | press release | International | biofuels

### **Almost all U.S. gasoline is blended with 10% ethanol**

Blends of petroleum-based gasoline with 10% ethanol, commonly referred to as E10, account for more than 95% of the fuel consumed in motor vehicles with gasoline engines.

2016-05-11 | press release | USA | biofuels

### **CLEANER SKIES ARE FRIENDLIER: NRDC's 2016 Aviation Biofuel Scorecard**

The aviation industry is the transportation sector with the fastest growth in GHG emissions.

2016-06-29 | publication | International | biofuels

### **First step towards an Australian green-fuel biorefinery**

Australia's first biorefinery capable of producing renewable diesel and jet fuels from plant material could become a reality in Queensland with support from the Australian Renewable Energy Agency (ARENA).

2016-06-30 | press release | Australia | biorefinery

### **15 Million US \$ to Advance Algae-based Biofuels**

The US Energy Department announced up to \$15 million for three projects aimed at reducing the production costs of algae-based biofuels and bioproducts through improvements in algal biomass yields.

2016-07-20 | press release | USA | Algae

### **Towards clean and smart mobility in the EU**

The European Environment Agency's (EEA) Signals 2016 explores how Europe's carbon-dependent transport sector can be turned into a clean and smart mobility system.

2016-07-12 | publication | EU | Transport Sector

### **American Society of Agricultural standard for sustainable agriculture production completed**

The American Society of Agricultural and Biological Engineers (ASABE) has completed a standard that establishes a framework for charting progress toward sustainable agricultural production.

2016-07-12 | press release | USA | certification

### **The Economic Impact of the Biodiesel Industry on the U.S. Economy**

Even under the weight of low commodity prices, the economic benefits conferred by the biodiesel sector onto the U.S. economy are significant. For 2016, assuming unchanged U.S. production of 1.43 billion gallons and imports of 670 million gallons

2016-07-20 | press release | USA | biodiesel

### **DuPont: new enzyme product for biogas industry**

DuPont Industrial Biosciences announced the launch of a new enzyme product that will help biomethane producers by improve biogas yields and process robustness.

2016-07-20 | press release | International | biogas

### **Roland Berger Study: Integrated Fuels and Vehicles Roadmap to 2030**

2016-05-11 | publication | International | biofuels

## **UFOP-Market Information Oilseeds and Biofuels May 2016**

2016-05-11 | press release | International | biodiesel

## **Urgent and important for all European Biofuels Stake Holders:**

Diversify and strengthen energy options for sustainable transport

2016-05-17 | press release | EU | biofuels

## **Decarbonisation of Transport**

The European Biofuels Technology Platform (EBTP) 7th Stakeholder Plenary Meeting (SMP7) will take place at the Thon Hotel EU, Rue de la Loi, Brussels, on 21 June 2016.

2016-06-02 | event note | International | biofuels

## **Mobilising sustainable bioenergy supply chains: opportunities for agriculture**

A workshop in collaboration with GSE, FAO and IRENA was held in conjunction with ExCo77 in Rome, Italy on the 17th May 2016.

2016-06-02 | conference proceedings | International | material use of biomass

## **NEXBTL diesel to power San Francisco's city fleet**

Neste's NEXBTL renewable diesel is now being used by the City and County of San Francisco, California. San Francisco announced that San Francisco has completely ended its use of petroleum diesel in the City's fleet and replaced it with renewable diesel.

2016-06-02 | press release | USA | biofuels

## **Canadian jet biofuel initiative**

Montréal-Trudeau Airport has been chosen by Canada's Biojet Supply Chain Initiative (CBSCI) for a project to supply aircraft with aviation biofuel from a shared fuel system.

2016-06-02 | press release | Canada | biofuels

## **7th Stakeholder Plenary Meeting SPM7 Decarbonisation of Transport**

Presentations online

2016-08-03 | conference proceedings | International | biofuels

## **Alternative fuels for marine and inland waterways transport**

A recent JRC report finds that fuels like liquefied natural gas (LNG) and methanol are the most promising alternatives to drive decarbonisation of the shipping sector and ultimately contribute to the fight against climate change.

2016-08-03 | publication | International | biofuels



## Comission biofuel plan puts EU protein production at risk: FEFAC

2016-08-03 | press release | EU | biofuels

## Sustainable Alternative Aviation Fuels – Core-JetFuel Final Conference

The Core-JetFuel Final International Conference titled "Sustainable Alternative Aviation Fuels – The Way Forward" took place on the occasion of the EU Sustainable Energy Week (EUSEW) on 16-17 June 2016 in Brussels.

2016-08-03 | conference review | International | biofuels

## US Federal Alternative Jet Fuels Research and Development Strategy

The Strategy sets out prioritized Federal R&D goals and objectives to address key scientific and technical challenges that inhibit development, production, and use of economically viable Federal Alternative Jet Fuels (AJF).

2016-08-17 | publication | USA | biofuels

## ePURE's Roadmap to decarbonize Europe's road transport

ePURE, the European renewable ethanol association, has published a "Roadmap to 2030 - the role of ethanol in decarbonizing Europe's road transport".

2016-08-17 | publication | International | biofuels

## Court of Auditors calls for EU commission to improve sustainability certification process for biofuels

The European Court of Auditors observed considerable room for improvement in the monitoring of the voluntary certification systems approved by the EU Commission.

2016-08-17 | press release | EU | biofuels

## USDOE: \$11.3 Million for Mega-Bio

The US Energy Department announced up to \$11.3 million in funding to develop flexible biomass-to-hydrocarbon biofuels conversion pathways that can be modified to produce advanced fuels and/or products based on external factors, such as market demand.

2016-08-17 | press release | USA | bioenergy

## 20 Latin American Countries pitch for Biofuels

In El Salvador, 20 Latin American countries have promised to promote biofuel production and use, with the support of development finance institutions.

2016-08-17 | press release | International | biofuels

## Reference Material for Biodiesel CFPP Test

The Joint Research Centre Institute for Reference Materials and Measurements in Geel, Belgium has developed and produced a new certified reference material for the cold filter plugging point (CFPP) and cloud point (CP) temperatures test of biodiesel.

2016-08-17 | press release | EU | biodiesel

### **U.S. ethanol plant capacity increases for third consecutive year**

Fuel ethanol production capacity in the United States was nearly 15 billion gallons per year, or 973,000 barrels per day (b/d), at the beginning of 2016, according to EIA's most recent U.S. Fuel Ethanol Plant Production Capacity report.

2016-08-17 | press release | USA | biofuels

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### **Newsletter from the IEA Bioenergy Biogas Task**

2016-09-01 | press release | International | material use of biomass

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### **Green Plains to Purchase Three Abengoa Bioenergy Ethanol Plants**

Green Plains Inc. announced that it was the successful bidder on three ethanol plants for sale by Abengoa Bioenergy conducted under the provisions of the U.S. Bankruptcy Code.

2016-09-01 | press release | USA | ethanol

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### **EPA has not met requirements to identify environmental impacts of the RFS**

2016-09-01 | press release | USA | biofuels

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### **ArcelorMittal announce biofuel demo plant**

ArcelorMittal, the world's leading steel and mining company, LanzaTech, the carbon recycling company, and Primetals Technologies, a technology and service provider to the iron and steel industry announce to construct Europe's first commercial scale production facility to create bioethanol from steelmaking process waste gas.

2016-09-01 | press release | EU | ethanol

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### **Queensland to partner US Navy in massive biofuel initiative**

Queensland's future as the biofuel hub for the Asia-Pacific has been advanced with the signing of an agreement between the Palaszczuk Government and the United States Navy.

2016-09-01 | press release | International | biofuels

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### **Australia Biofuels Annual - GAIN report**

The Australian biofuels sector has faced a number of significant challenges, including a low oil price. Biofuels production for Australia in 2016 is estimated 300 000 m<sup>3</sup>, comprised of 250 000 m<sup>3</sup> of ethanol and 50 000 m<sup>3</sup> of biodiesel.

2016-09-01 | press release | Australia | biofuels

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### **St1 signs a LoI with Viken Skog and Treklyngen for an ethanol plant in Norway**

St1's aim is to construct an ethanol plant in the industrial area of Follum in Hordaland, making maximum use of the existing industrial infrastructure and equipment from the former paper-mill area.

2016-09-14 | press release | International | ethanol

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## **Biomass-based Diesel Mandates and Trade Trends around the world**

Biomass-based diesel mandates for blending in transportation fuel have increased in many nations worldwide over the last year. In several of these countries, domestic biodiesel production is underutilized and many of these same countries are net exporters.

2016-09-14 | press release | International | biodiesel

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## **Biodiesel trade gap has narrowed**

Demand for German biodiesel waned significantly in the first half of 2016. At just over 570,000 tonnes, exports to other European countries was down just about one fifth from the 2015 reference period.

2016-09-14 | press release | Germany | biodiesel

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## **Technip signs agreement with BTG Bioliuids to design and build pyrolysis plants for biomass-to-oil production**

Technip announced that it has signed an exclusive cooperation agreement with BTG BioLiquids B.V. (BTL) to provide services for its modular pyrolysis plants.

2016-09-14 | press release | International | biofuels

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## **SkyNRG, KLM and AltAir signe sustainable jet fuels offtake agreement**

For the coming years, KLM purchases sustainable jet fuel for all flights departing from Los Angeles, making it part of their day to day business. The fuel, produced by AltAir Fuels and supplied by SkyNRG, is made from used cooking oil and delivered via the airport's hydrant system.

2016-09-14 | press release | International | biofuels

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## **Gevo: Agreement with Lufthansa for Commercial Supply of Renewable Jet Fuel**

Gevo, Inc., announced that it has entered into a heads of agreement with Deutsche Lufthansa AG (Lufthansa) to supply Gevo's alcohol-to-jet fuel (ATJ) from its first commercial hydrocarbons facility, intended to be built in Luverne, MN.

2016-09-14 | press release | International | biofuels

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## **IEA Bioenergy Task 37 Newsletter focussed on Biomethan**

2016-09-14 | publication | International | biofuels

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## **Workshop on ABE production and CO<sub>2</sub>/H<sub>2</sub> fermentation - 10th and 11th of Nov.**

2016-09-15 | event note | International | biofuels

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## **11th A3PS Conference - 17th and 18th Oct.**

Feasible Propulsion and Vehicle Technologies versus Political Visions

2016-09-15 | event note | International | alternative powertrains

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### **AlgaeEurope Conference December 13th - 15th**

The AlgaeEurope Conference is being held in Madrid, Spain this year.

2016-09-15 | event note | International | Algae

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### **Nationaler Workshop Biotreibstoffe - 29. September**

Program available

2016-09-15 | event note | Austria | biofuels

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### **IEA Bioenergy Countries Report**

This IEA Bioenergy publication presents a summary of the total primary energy supply (TPES) by resources and the contribution of bioenergy in the member countries of the IEA Bioenergy Technology Collaboration Programme (TCP).

2016-10-03 | publication | International | bioenergy

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### **Global 2016/17 vegetable oil production to hit record level**

Palm oil, soybean oil, rapeseed oil and sunflower oil account for around 87 per cent of production. The remainder consists of coconut oil, olive oil and peanut oil, among others.

2016-10-03 | press release | International | biodiesel

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### **EEA: Electric vehicles can help the shift toward EU's green transport future**

2016-10-03 | press release | EU | electromobility

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### **Neste's role in the EU initiative for advanced biofuels in aviation**

Henrik Erasmets, Head of Aviation Regulation at Neste has been appointed Co-Chair of the EU initiative 'the European Advanced Biofuels Flightpath' as a representative of the biofuels industry. Mr. Erasmets will co-chair together with Ruben Alblas from KLM Royal Dutch Airlines.

2016-10-03 | press release | International | biofuels

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### **UFOP welcomes German Bundestag's decision to ratify Paris climate protection agreement**

The Union for the Promotion of Oil and Protein Plants (UFOP) notes that Germany, as one of the leading industrial nations within the community of states, is making a pioneering move with the decision of the German Bundestag to ratify the Paris climate protection agreement.

2016-10-12 | press release | Germany | sustainability

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### **Opening of the world's first industrial scale plant for the production of butanediol via fermentation of renewable raw materials**

The official opening of Novamont's Mater-Biotech plant in Bottrighe (Rovigo), for the production of butanediol on an industrial scale directly from sugars and through the use of bacteria has been announced.

2016-10-12 | press release | Italy | biofuels

### **2-day workshop on ABE production and CO<sub>2</sub>/H<sub>2</sub> fermentation in Vienna**

Late registration still possible until Friday the 14th of October 2016 at 17:00 CET

2016-10-12 | event note | International | biofuels

### **California program encourages adoption of zero-emissions vehicles**

California's Zero-Emission Vehicle (ZEV) program is expected to increase sales of electric, plug-in hybrid, and other alternative light-duty vehicles in the United States.

2016-10-12 | press release | USA | advanced motor fuels

### **Tesla sales top expectations**

The electric mobility sector was buzzing with activity in the last week of September, the last of the third quarter, with Tesla Motors announcing better-than-expected sales numbers for the period and rival suppliers showing off new models.

2016-10-12 | press release | International | electromobility

### **Monarca BioFuel: 33,000 ha Jatropha in Mexico**

Jack Katz, the CEO of Monarca, a Mexico City based Corporation, has a plan with great vision to produce bioJet fuel for Mexican aviation as well as produce low cost seed oil for export to the US refineries.

2016-10-12 | press release | Mexico | biofuels

### **Biodiesel 2015/2016 Report on the Current Situation and Prospects**

Abstract from the UFOP Annual Report

The UFOP annual report 2015/2016 has been published.

2016-10-12 | publication | Germany | biodiesel

### **EU study on Carbon impacts of biomass consumed in the EU**

The principal objective of this project was to deliver a qualitative and quantitative assessment of the direct and indirect greenhouse gas (GHG) emissions associated with different types of solid and gaseous biomass used in electricity and heating/cooling in the EU.

2016-10-31 | publication | EU | material use of biomass

### **Paris Agreement to enter into force as EU agrees ratification**

The European Parliament has approved the ratification of the Paris Agreement by the European Union on 4th October 2016.

2016-10-31 | press release | EU | emissions

### **SEAT and Aqualia create the first 100% Spanish alternative fuel from waste water**

SEAT and Aqualia have joined forces to develop the innovative SMART Green Gas project, which aims to obtain 100% Spanish origin, renewable biofuel from waste water to be used in compressed natural

gas (CNG) powered vehicles.

2016-10-31 | press release | Spain | biofuels

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### **US elections: what Trump's victory means for the bioeconomy**

After Donald Trump captured the US Presidency some immediate themes emerge for the global bioeconomy.

2016-11-10 | press release | USA | Bioeconomy

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### **EU firmly on course to reach 2020 target, despite a slight increase in greenhouse gas emissions in 2015**

Preliminary estimates show that emissions across the European Union in 2015 were 22 % lower than 1990 levels, despite a slight increase compared to 2014, according to new reports from the European Environment Agency (EEA) published last week.

2016-11-14 | publication | EU | material use of biomass

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### **Sunflower production up from previous year**

Despite a reduction in sunflower area, sunflower production in the EU-28 picked up from the previous year. In particular, the extensive production in Hungary accounts for the growth.

2016-11-28 | press release | International | feedstock

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### **UFOP welcomes Germany's decision to ratify COP 21 agreement**

The Union for the Promotion of Oil and Protein Plants (UFOP) notes that Germany is making a pioneering move with the decision of the German Bundestag to ratify the Paris climate protection agreement.

2016-11-28 | press release | Germany | sustainability

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### **US EPA's 2017 final rule: Increasing Renewable Fuel Volumes**

The Environmental Protection Agency (EPA) in the US published the final ruling covering renewable fuel volume requirements for 2017 under the Renewable Fuel Standard (RFS) program on 23 November 2016.

2016-11-28 | press release | USA | biofuels

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### **WS21: Drop-in biofuels for international marine and aviation markets**

A workshop was held in conjunction with ExCo78 in Rotorua, New Zealand on the 9th November 2016.

2016-11-28 | conference proceedings | International | biofuels

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### **US: RFS 2017 and the Biomass-Based Diesel Volume 2018**

EPA, the US Environmental Agency, finalized the volume requirements and associated percentage standards that apply under the RFS program in 2017 for cellulosic biofuel, biomass-based diesel, advanced biofuel, and total renewable fuel.

2016-12-13 | press release | USA | biofuels

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### **US: unlikely that advanced biofuels can meet targets**

The US government has supported R&D related to advanced biofuels. The focus is shifting away from cellulosic ethanol toward drop-in biofuels.

2016-12-13 | press release | USA | biofuels

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### **UFOP: maintain 7% biofuel cap after 2020!**

The German Union for the Promotion of Oil and Protein Plants (UFOP) rejects the proposal made today by the Commission to reform the biofuels policy for the time after 2020.

2016-12-13 | press release | EU | biofuels

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### **US DOE publishes the 5th edition of a "Biodiesel Handling and Use Guide"**

In this report, biodiesel refers to the fuel produced from renewable sources that meets ASTM International (ASTM) Standard D6751-15c1 (the latest standard for biodiesel used as a blendstock).

2016-12-13 | publication | USA | biodiesel

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### **Queensland: Biofuels mandate shouldn't result in higher pump prices**

Beginning in January 1 2017, large service stations will be required by law to ensure that 3 % of their total regular and ethanol-blended petrol sales are bio-based, such as E10.

2016-12-13 | press release | Australia | biofuels

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### **E-mobility: European sales 2016**

2016 is set to once again break a new record for both EV and PHEV sales in Europe, but mostly thanks to Plug-in hybrid cars.

2016-12-13 | press release | EU | electromobility

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### **Microchannel gas-to-liquid plants is expected to start soon**

Nicholas Skarzynski from the US Energy Information Administration reported on the first microchannel gas-to-liquid (GTL) plant in the United States.

2016-12-13 | press release | USA | biofuels

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### **Introduction to the digestion of biowaste**

The German Biogas Association has published a new, easy to read booklet showing the benefits of biogas while producing energy, protecting our environment from soils and water degradation as well as to counter the effects of climate change.

2016-12-13 | publication | Germany | biogas

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### **New EBA publication on biomethane in transport**

The European Biogas Association (EBA) has published a new brochure aiming to serve as an introduction to biomethane in transport, going through its benefits and the challenges that lie ahead.

2016-12-13 | publication | EU | biogas

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### **EIA forecasts biomass-based diesel growth in the US**

On November 23, the U.S. Environmental Protection Agency (EPA) issued its final rule for the 2017 Renewable Fuel Standard (RFS) program year, with higher targets than those initially proposed in May.

2017-01-12 | press release | USA | biodiesel

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### **European car manufacturers met their 2015 CO2 emissions targets**

The EEA report, 'Monitoring CO2 emissions from passenger cars and vans in 2015', provides a summary of CO2 emission levels of new passenger cars and vans in the EU-based tests following a standard European test for vehicle type-approval.

2017-01-12 | publication | EU | emissions

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### **2017: 64 countries with biofuels mandates around the world**

The US based Biofuel Digest released its annual review of biofuels mandates and targets around the world, looking at biofuels mandates in 64 countries.

2017-01-12 | press release | International | biofuels

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### **Diesel cars in Finland eco-friendlier than electric ones?**

Recent debate over the eco-friendliness of motoring has revolved around Tesla and electric cars, Google and self-driving cars and overall car structures. However, Lars Peter Lindfors, Senior Vice President from Neste argues in his blog for a solution that does not require new cars: When fuel is produced from waste and residues, its greenhouse gas emissions fall dramatically, at best by as much as 90 % compared with fossil diesel.

2017-01-12 | press release | International | emissions

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### **US DoE announces funding for pilot- and demoscale biofuels, bioproducts, and biopower projects**

The US Energy Department (DOE) announced the selection of six projects for up to \$12.9 million in federal funding for the manufacturing of advanced or cellulosic biofuels, bioproducts, refinery-compatible intermediates, and/or biopower in a domestic pilot- or demonstration-scale integrated biorefinery.

2017-01-12 | press release | USA | bioenergy

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### **US: biodiesel market soars, food cost decline**

2017-01-12 | press release | International | material use of biomass

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### **German biodiesel exports on a slight rise**

German biodiesel exports over the first ten months of 2016 slightly exceeded those of the same period in 2015. The significant drop in demand for biodiesel from the majority of European trading partners was offset by an increase in shipments to the Netherlands and Poland.

2017-01-12 | press release | Germany | biodiesel

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### **US Energy Prices 2016**



The U.S. Energy Information Administration reports on the energy price development in 2016.

2017-01-12 | press release | USA | energy supply

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### **Biofuel fuel flights from Stockholm Arlanda Airport**

Swedavia, a Swedish state-owned group that owns, operates and develops airports across Sweden, received its first aviation biofuel at Stockholm Arlanda Airport.

2017-01-12 | press release | Sweden | biofuels

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### **Innovative biohybrid plant for Erdgas Suedwest**

Wärtsilä, a global player in technologies for the marine and energy markets has been awarded the contract to supply a biohybrid production plant to the German energy company Erdgas Südwest.

2017-01-12 | press release | EU | conversion technologies

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### **IEA Bioenergy Webinar Series Algae Bioenergy State of Technology Review**

IEA Bioenergy invites you to participate in an international webinar entitled, Algae Bioenergy State of Technology Review.

2017-01-12 | event note | International | Algae

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### **State of the art in sustainable biomass recovery technology/supply chain in forest operations**

This IEA Bioenergy Task 43 report provides an overview of most efficient biomass harvesting technologies and supply chains applied in North America, Europe and Oceania.

2017-01-12 | press release | International | material use of biomass

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### **IEA Bioenergy Task 39 Newsletter - latest Issue**

The latest Issue of IEA Bioenergy Task 39 Newsletter with a special contribution on biofuels in Austria has been released.

2017-01-17 | newsletter | International | biofuels

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### **USDA Releases New Report on Lifecycle Greenhouse Gas Balance of Ethanol**

A Life-Cycle Analysis of the Greenhouse Gas Emissions of Corn-Based Ethanol finds that GHG emissions associated with corn-based ethanol in the United States are about 43 % lower than gasoline.

2017-01-24 | publication | USA | ethanol

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### **Neste and Bioenergy La Tuque: R&D cooperation on forest residues for biofuels**

Neste and Bioenergy La Tuque have started R&D cooperation with the objective of studying the potential of using forest residues as a raw material in biofuel production in La Tuque, Canada.

2017-01-24 | press release | International | biofuels

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### **Evaluation and Progress Report 2015**

## Biomass Energy Sustainability Ordinance Biofuel Sustainability Ordinance

The German Federal Office for Agriculture and Food (BLE) Division 221 - policy matters Group 22, recognition and accreditation issues, biomass control procedures has currently published the english version of the "Evaluation Report 2015".

2017-01-24 | publication | Germany | sustainability

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### **Conversion of biomass into renewable natural gas - a conclusive demonstration project for Gaz MÃ©tro**

Gaz MÃ©tro, the largest natural gas distribution company in QuÃ©bec announced that it has demonstrated the conversion of forestry biomass into second-generation renewable natural gas.

2017-01-24 | press release | Canada | conversion technologies

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### **US: CO2 emissions from transport now higher than those from power production**

U.S. CO2 emissions from the transportation sector reached 1,9 million metric tons (MMmt) from October 2015 through September 2016, exceeding electric power sector CO2 emissions of 1,8 MMmt over the same time period.

2017-01-24 | press release | USA | emissions

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### **IKEA uses fuel cell systems for onsite power**

IKEA announced it has completed installation of its fourth biogas-powered fuel cell system, at its San Diego store.

2017-01-26 | press release | International | bioenergy

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### **ePURE: Europeans want EU policy to promote crop-based biofuels**

Europeans overwhelmingly support the use of conventional biofuels made from crops and believe EU policy should encourage it.

2017-02-02 | press release | EU | biofuels

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### **The Potential of Biofuels in China**

This IEA Bioenergy Task 39 report looks at the potential of biofuels in China.

2017-02-02 | publication | International | biofuels

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### **Ethanol Micro Distillery for Madagascar**

Clean Cooking Madagascar Issues Request For Proposals To Build Ethanol Micro Distillery For Stove Fuel Production With A Capacity Of Up To 5,000 Liters/Day.

2017-02-02 | press release | International | ethanol

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### **Accelerating the shift to a Australian biofuels industry**

Australia's first advanced green fuels laboratory has opened its doors in Queensland, thanks to support from the Australian Renewable Energy Agency (ARENA), allowing researchers to test biocrude.

2017-02-02 | press release | Australia | biofuels

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## Bio-based economy and climate change

There is a clear link between bio-based economy and sustainability as well as green economy. This is not surprising as the use of biomass induces a sustainable use of carbon i.e. carbon absorbed by plants is used to produce bio-based products, which is then released at the end of the products life cycle without increasing the atmospheric CO<sub>2</sub> concentration.

2017-02-02 | publication | International | sustainability

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## State of Technology Review – Algae Bioenergy

An IEA Bioenergy Inter - Task Strategic Project

This IEA Bioenergy report provides an international update on the status and prospects for using microalgae and macroalgae as feedstocks for producing biofuels and bioenergy products.

2017-02-02 | publication | International | Algae

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## Global Bioenergies finalizes acquisition of Syngip

Global Bioenergies has finalized the acquisition of Syngip B.V. Syngip B.V. is a start-up based in the Netherlands that specializes in converting third-generation resources into fuels and materials.

2017-02-22 | press release | EU | biofuels

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## Drop-in biofuels for marine and aviation markets

Presentations now available

The recording of the workshop presentations on 'Drop-in biofuels for marine and aviation markets' given at ExCo78 in Rotorua, New Zealand is now available.

2017-02-22 | press release | International | biofuels

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## New Strategic Plan for a Thriving and Sustainable Bioeconomy

The U.S. Department of Energy's Bioenergy Technologies Office released a new strategic plan that serves as a blueprint on how it will tackle the challenges and opportunities that lie ahead in building a sustainable bioeconomy in the U.S.

2017-02-22 | press release | USA | Bioeconomy

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## High Biofuel Blends in Aviation (HBBA)

In the frame of the ENER/C2/2012/ 420-1 Tender a study on high biofuel blends in aviation has been carried out by Deutsche Lufthansa AG and the Wehrwissenschaftliches Institut für Werk- und Betriebsstoffe.

2017-02-22 | publication | EU | biofuels

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## Slump in vegetable oil prices

2017-02-22 | press release | International | biodiesel

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## 2016 Survey of Non-Starch Alcohol and Renewable Hydrocarbon Biofuels Producers

The 2016 update to the annual survey of biofuels producers has been released.

2017-02-22 | publication | International | biofuels

### **IEA Task 37 Newsletter**

The latest issue of the IEA Bioenergy Task 37 Energy from Biogas has been released.

2017-02-22 | newsletter | International | biogas

### **Start-up of an algae nutraceutical plant**

Algae.Tec announced the start-up of its nutraceutical algae plant in Cumming Atlanta in February 2017.

2017-02-22 | press release | International | Algae

### **Plus 9,7% bei Pkw-Neuzulassungen im J  nner 2017**

Im J  nner 2017 wurden laut Statistik Austria 26.352 Personenkraftwagen (Pkw) neu zum Verkehr zugelassen, um 9,7% mehr als im J  nner 2016.

2017-02-22 | press release | International | Transport Sector

### **Renewable products and biofuels in Neste's 2016 Financial Statements**

Renewable Products recorded a full-year comparable operating profit of EUR 469 million. Reference margin and additional margin averaged higher than in 2015.

2017-03-06 | press release | International | biofuels

### **Stockholm Arlanda Airport introduces biofuel as standard**

Stockholm  s Arlanda Airport became the third airport to offer alternative jet fuel through the airport  s main fuelling infrastructure.

2017-03-06 | press release | International | biofuels

### **ICAO Alternative Fuels Seminar Montreal, 8 - 9 February 2017**

The seminar reviewed the state of worldwide activities on the use of alternative fuels in aviation, life-cycle analysis methodologies and sustainability criteria, financing and assistance programmes, and the legal and regulatory frameworks that support the development and deployment of these fuels in aviation.

2017-03-06 | conference review | International | biofuels

### **Strong demand for biodiesel from Germany**

German biodiesel exports amounted to around 1.54 million tonnes in 2016.

2017-03-23 | press release | International | biodiesel

### **European 2017 rapeseed harvest estimated higher than previous year**

The 2017 rapeseed crop in the EU-28 will probably be 8 per cent higher than the previous year, due to lower than expected winterkill losses.

2017-03-06 | press release | EU | feedstock

### **Velocys: Strategic alliance with Morimatsu**

Velocys, a company at the forefront of smaller scale gas-to-liquids (GTL), announced that it has signed an agreement covering its strategic alliance with Morimatsu Heavy Industry Co., Ltd., a subsidiary of Morimatsu Industry Co., Ltd.

2017-03-06 | press release | International | material use of biomass

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### **Hydrothermal Processing Bench-Scale Technology Evaluation Project**

This project was conducted in order to determine if hydrothermal processing (HTP) technology has potential for treating wastewater solids.

2017-03-06 | press release | International | conversion technologies

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### **UFOP Market Information Oilseeds and Biofuels**

The latest UFOP (Union zur Förderung von Öl- und Proteinpflanzen) Market Information Oilseeds and Biofuels reports on the development of rapeseed and biodiesel versus mineral diesel.

2017-03-07 | press release | International | biodiesel

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### **U.S. ethanol exports in 2016**

The United States exported more than 1 billion gallons of fuel ethanol in 2016, an increase of 26% from export levels in 2015. U.S. imports of ethanol decreased by 60% to 36 million gallons in 2016. The United States remained a net exporter of fuel ethanol for the seventh consecutive year, exporting ethanol to 34 different countries, with Asian and South American markets receiving the highest volumes.

2017-03-23 | press release | International | ethanol

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### **Over 125 academics join IEA Bioenergy urging Chatham House to reconsider flawed policy recs**

A recent report by UK think-tank "Chatham House" on the impact of bioenergy on global climate adds to the increasing number of misleading statements in the context of EU discussions about its energy future.

2017-03-23 | press release | International | bioenergy

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### **Emissions of the main air pollutants in Europe**

Anthropogenic emissions of the main air pollutants decreased significantly in most EEA member countries between 1990 and 2014

2017-03-23 | press release | EU | emissions

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### **\$200M investment in algae-based omega-3 facility**

Royal DSM and Evonik have announced plans to establish a joint venture producing omega-3 fatty acid products from natural marine algae for the animal nutrition and aquaculture markets.

2017-03-23 | press release | Netherlands | Algae

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### **ARA and Blue Sun: Renewable Jet and Diesel Fuel**

Applied Research Associates, Inc. (ARA) and Blue Sun Energy, Inc. announced a partnership for the design, construction, and operation of a Biofuels ISOCONVERSION Process demonstration system using the ARA and Chevron Lummus Global (CLG) process for the production of certification

quantities of 100% drop-in renewable jet, diesel, and gasoline.

2017-03-23 | press release | International | biofuels

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### **Swedish energy companies collaborate on future biofuels**

Preem and Vattenfall have concluded an agreement to investigate the potential of using climate-smart hydrogen gas in the large scale production of biofuel for the Swedish market.

2017-03-23 | press release | Sweden | biofuels

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### **NASA Study Confirms Biofuels Reduce Jet Engine Pollution**

Using biofuels to help power jet engines reduces particle emissions in their exhaust by as much as 50 to 70 %, in a new study conclusion that bodes well for airline economics and Earth's environment.

2017-03-23 | press release | International | biofuels

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### **EU sees "strategic advantage" of biofuels in aviation**

The International Air Transport Association has set a target of ramping up biofuels use to 10% of all consumption by 2017.

2017-03-23 | press release | EU | biofuels

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### **Biotreibstoffe für die Luftfahrt in der Tagespresse**

Der Standard informiert: Wie sich der Rußausstoß von Flugzeugen verringern lässt - Mischung von 50 Prozent Bio- und regulärem Kerosin reduziert Partikelmenge beträchtlich

2017-03-23 | press release | Austria | biofuels

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### **National Farmers Union Supports Use of E30 in All Fuel Injected Vehicles**

The US National Farmers Union called for the U.S. Environmental Protection Agency (EPA) to open the market to higher blends of ethanol in a landmark resolution.

2017-04-04 | press release | USA | biofuels

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### **IRENA: Eliminating Energy-Related Carbon Emissions Possible**

Global energy-related carbon dioxide (CO2) emissions can be reduced by 70% by 2050 and completely phased-out by 2060 with a net positive economic outlook, according to new findings released today by the International Renewable Energy Agency (IRENA).

2017-04-04 | press release | International | emissions

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### **Diamond Green Diesel to Expand Renewable Fuel Capacity**

Honeywell UOP announced that the Diamond Green Diesel facility will expand its annual production capacity of renewable diesel from 10,000 barrels per day to 18,000 bpd, using Honeywell UOP's Ecofining technology.

2017-04-04 | press release | USA | biofuels

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### **U.S. biomass-based diesel imports - new record in 2016**

U.S. imports of biomass-based diesel, which include biodiesel and renewable diesel, increased by 65 % in 2016 to reach a record level of 916 million gallons.

2017-04-04 | press release | USA | biodiesel

### **Round Robin Test for Biodiesel and Rapeseed Oil Fuel 2017**

Quality assurance in a producing company always includes the analyses of intermediates and the final product.

2017-04-04 | press release | International | biodiesel

### **Canfor Pulp and Licella's biocrude joint venture agreement**

2017-04-04 | press release | Australia | biorefinery

### **The EU tackles growing aviation emissions**

The Commission is amending the EU Emissions Trading System (ETS) making it fit for tackling CO<sub>2</sub> emissions from aviation.

2017-04-04 | press release | EU | emissions

### **Sioux City WWTP to upgrade biogas to renewable fuel**

Since the plant's original construction in 1961, anaerobic digestion (AD) technology has served as an integral component of the facility to reliably stabilize biosolids and produce biogas.

2017-04-04 | press release | International | biogas

### **Biogas-powered fuel cell in Connecticut**

2017-04-04 | press release | USA | biogas

### **MEPs to call for clampdown on use of palm oil in Biofuels**

The EU should tackle the environmental impacts of unsustainable palm oil production, such as deforestation and habitat degradation, particularly in South-East Asia, say MEPs in a resolution voted on Tuesday 4th of April.

2017-04-20 | press release | EU | sustainability

### **Sugarcane to produce biodiesel, more sugar for ethanol**

2017-04-20 | press release | USA | biofuels

### **More oilseed in EU-28**

The 2017/18 oilseed output in the EU-28 could exceed last year's production, an EU Commission report indicates.

2017-04-20 | press release | International | pure plant oil

### **UFOP welcomes vote to exclude palm oil for biofuel use**

The European Parliament has approved the initiative report on the subject "Palm oil and the

uprooting of rainforestsâ••. The Parliament supports the move to exclude palm oil as a raw material for energetic use from 2020, at the same time acknowledging the sustainability of biofuels made from oil plants (rapeseed and sunflower) grown within Europe.

2017-04-20 | press release | International | sustainability

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### **US: Stop Animal Fat Tax Credits Act?**

A legislation proposed by U.S. Rep. Randy Weber would put a stop to federal tax credits for biofuels produced with animal fats, according to the American Cleaning Institute (ACI).

2017-04-20 | press release | International | material use of biomass

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### **Italy has its bioeconomy strategy!**

This strategy aims to provide a vision of the economic, social and environmental opportunities and challenges associated with the implementation of an Italian bioeconomy routed on the territory.

2017-04-20 | press release | Italy | Bioeconomy

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### **Canola oil for Biodiesel in the US?**

A potential change in the U.S. biodiesel tax credit could create a new market for Canadian canola oil, say analysts.

2017-05-03 | press release | USA | biodiesel

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### **Fuel efficiency improvements of new cars in Europe slowed in 2016**

Average CO<sub>2</sub> emissions of a new car sold in 2016 were 118 g CO<sub>2</sub>/km, a decrease of 1.4 g CO<sub>2</sub>/km, compared to the previous year.

2017-05-03 | press release | EU | Transport Sector

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### **Road traffic remains biggest source of noise pollution in Europe**

With an estimated 100 million Europeans affected by harmful levels, road traffic is by far the largest source of noise pollution in Europe, according to a new assessment published by the European Environment Agency (EEA).

2017-05-03 | press release | EU | Transport Sector

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### **Algae Bioenergy State of Technology Review**

Even though algae remain an attractive target for bioenergy applications over the longer term because of their high photosynthetic efficiency, the near-term prospects for primary algae-based energy/fuels production are poor due to the relatively high cost of cultivating and harvesting algae.

2017-05-03 | conference proceedings | International | Algae

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### **Scaling up the Isobutene process in the Leuna Demo plant**

Global Bioenergies has succeeded in producing Isobutene by fermentation at the scale of the Leuna Demo plant, a 5,000 litre fermenter, with performances exceeding those performed on the pilot plant in Pomacle (a 500 litre fermenter).

2017-05-03 | press release | International | biofuels

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## **Carbon intensity of energy use is lowest in U.S. industrial and electric power sectors**

Of the five major energy-consuming sectors in the United States, the industrial sector produced the least amount of CO<sub>2</sub> per unit of primary energy consumed in 2016.

2017-05-03 | press release | USA | emissions

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## **Ethanol makes up 10% of the U.S. gasoline supply**

Recent data from the U.S. Energy Information Administration (EIA) confirm that the "blend wall" – the point at which ethanol makes up 10% of the U.S. gasoline supply – was exceeded for the first time ever in 2016.

2017-05-18 | press release | USA | ethanol

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## **Singapore Airlines launches trans-Pacific biofuel flights with the A350 XWB**

Singapore Airlines has begun a series of biofuel flights using A350-900 aircraft on non-stop trans-Pacific flights between Singapore and San Francisco.

2017-05-18 | press release | Asia | biofuels

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## **India's First Integrated Bio - refinery for Renewable Fuels & Chemicals**

Praj's second generation bio-refinery demonstration plant will produce 1 MLPA ethanol by processing a variety of agri-residue like rice and wheat straw, cotton stalk, bagasse, cane trash, corn cobs & stover, etc with superior product yields.

2017-05-18 | press release | India | biorefinery

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## **Port of Rotterdam: Increase in throughput of biofuels**

The throughput of biofuels in Rotterdam, Europe's premier port for the storage and handling of biofuels, increased over the past year.

2017-05-18 | press release | International | biofuels

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## **Velocys plc present final results for the year 2016**

Velocys plc, a company at the forefront of smaller scale gas-to-liquids (GTL), presented its final audited results for the year ended 31 December 2016.

2017-05-18 | press release | USA | conversion technologies

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## **15th International Conference on Renewable Mobility – Fuels of the Future 2018**

Save the Date and Call for Papers

The 15th International Conference on Renewable Mobility – Fuels of the Future 2018 will be held on 22-23 January 2018, again in Berlin.

2017-10-19 | event note | International | advanced motor fuels

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## **Isobutene produced from straw**

2017-05-18 | press release | International | biorefinery

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## **New method to produce Syngas**

Over several months, Gaz M  tro from Quebec has been conducting a demonstration project aimed at converting forestry biomass into second-generation renewable natural gas.

2017-06-01 | press release | Canada | biofuels

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## **AMF Newsletter 1/2017**

The latest issue of the AMFI Newsletter, with contributions from a team of authors in North America, Europe and Asia has recently been published.

2017-06-01 | newsletter | International | biofuels

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## **Copa Cogeca Position Paper on RED II**

The Copa Cogeca has released a position paper in response to the proposal for a RED II Directive under the title "Strengthening the role of agricultural and forest biomass in all bioenergy sectors to achieve the EU's 2030 climate and energy goals".

2017-06-01 | publication | EU | biofuels

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## **Northern Oil advanced biofuels pilot plant opening**

Southern Oil has announced that Queensland Premier, the Hon. Anastacia Palaszczuk MP, will officially open the Northern Oil advanced biofuels pilot plant in Gladstone on 1 June 2017.

2017-06-01 | press release | Australia | material use of biomass

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## **The role of industrial biorefineries in a low carbon economy**

2017-06-01 | press release | International | material use of biomass

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## **Turning sewage sludge into fuels and hydrogen**

2017-06-01 | press release | International | biofuels

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## **Study on Research and Innovation Perspective of the mid-and-long-term Potential for Advanced Biofuels in Europe Validation Workshop 27 June**

In the framework of the study mentioned below a Workshop "Perspectives for advanced biofuels from 2020 to 2050" will be organised on 27 June 2017 (09:15-18:00) in Brussels.

2017-06-15 | event note | EU | biofuels

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## **DLR and Lufthansa Technik investigate biofuels**

The European Union-funded 'High Biofuel Blends in Aviation' (HBBA) study focused on blends, i.e. mixtures of conventional kerosene with biofuels.

2017-06-15 | press release | International | biofuels

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## **USDA Announces \$6 Million for Sustainable Energy Research**

The U.S. Department of Agriculture's (USDA) National Institute of Food and Agriculture (NIFA)

announced up to \$6 million in available funding for research to support the next generation of sustainable biofuels and biomaterials.

2017-06-15 | press release | USA | Bioeconomy

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### **FAO official: Food-based biofuels not necessarily bad**

Olivier Dubois, a FAO senior natural resources officer, said the biofuels debate was a complex issue which should avoid "oversimplification and sweeping statements" because they do not reflect the reality.

2017-06-15 | press release | International | biofuels

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### **Building up the future Sub group on advanced biofuels : final report - Study**

This study seeks to support the European Commission in the elaboration of a methodology for the deployment of advanced biofuels.

2017-06-15 | publication | International | biofuels

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### **Bioenergy Australia Webinar - Biofuels in Marine Applications**

Bioenergy Australia invites you to its next webinar for 2017 entitled, Biofuels in Marine Applications.

2017-06-29 | event note | International | biofuels

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### **Velocys Annual general meeting statement**

At the annual General Meeting of Velocys, David Pummell, CEO of Velocys, made a comment.

2017-06-29 | press release | International | biofuels

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### **The G7 Environment Ministerial Meeting â!**

The G7 Environment Ministerial Meeting â!

2017-06-29 | press release | International | sustainability

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### **Study on the European Commission Impact Assessments on Renewable Energy and on Bioenergy**

The Impact Assessment Institute (IAI) has raised serious questions about the ways the European Commission reached its proposed Renewable Energy Directive revision (dubbed RED II).

2017-06-29 | publication | EU | material use of biomass

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### **Interview with Bio-Energy Expert Andr  Faaij: âSo Much Nonsense Has Been Told, High Time for the Real Storyâ**

"An enormous amount of nonsense" has been told about bio-energy, says Andr  Faaij, scientific director of Energy Academy Europe and professor Energy Systems Analysis at the University of Groningen in the Netherlands.

2017-06-29 | press release | International | bioenergy

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### **Bioenergy for Sustainable Development**

This paper is the result of a collaboration involving IEA Bioenergy, IRENA and FAO.

2017-06-29 | publication | International | bioenergy

### **Rapeseed imports from Australia expected to decline**

Australia was the second largest supplier of rapeseed to Germany after France. This situation is unlikely to repeat itself in the coming year because the current drought will probably cut the Australian rapeseed harvest and reduce exports volumes.

2017-06-29 | press release | International | pure plant oil

### **U.S. ethanol production capacity continues to increase**

Fuel ethanol production capacity in the United States reached 15.5 billion gallons per year, or 1.01 million barrels per day (b/d), at the beginning of 2017, according to EIA's most recent U.S. Fuel Ethanol Plant Production Capacity report.

2017-06-29 | press release | USA | biofuels

### **IEA Bioenergy - Call for Survey Participation**

Currently the programme for the next IEA Bioenergy triennium (2019-2021) is being prepared. International evolutions and feedback of stakeholders and other international organizations are taken into account to prepare this programme.

2017-07-31 | call | International | bioenergy

### **Alternative Jet Fuel Development and Deployment in North America**

The International Council on Clean Transportation (icct) evaluated the trajectory of GHG emissions from international aviation in the U.S. and Canada as well as the possible GHG reductions that could be made from deployment of alternative jet fuels (AJFs).

2017-07-26 | publication | USA | biofuels

### **First products from a GTL plant in the US**

Velocys, a company developing small scale gas-to-liquids (GTL) plants reports first successful production of first finished, saleable products at ENVIA Energy's GTL plant in Oklahoma City.

2017-07-26 | press release | USA | biofuels

### **UPM tests Carinata sequential cropping concept**

UPM Biofuels is developing a new feedstock concept by growing Brassica Carinata as a sequential crop in South America.

2017-07-26 | press release | International | biofuels

### **Tall Oil for Transport Fuel**

UPM Biofuels commissioned a study from Ecofys "Crude tall oil low ILUC risk assessment: comparing global supply and demand"

2017-07-26 | press release | International | biofuels

### **Turning fat into green fuel**

Waste-based feedstock, like UCO and tallow, is a key for successful Biodiesel production but is also limited on the market. A new waste stream is now used in the UK by Argent Energy / Swire.

2017-07-26 | press release | International | biofuels

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### **European countries struggle to meet emission limits**

EU member States recently reported the first information under the new EU National Emission Ceilings (NEC) Directive.

2017-07-26 | press release | EU | emissions

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### **The Future of Trucks - Implications for Energy and the Environment**

The road freight sector is both a key enabler of economic activity and a key source of energy demand, in particular oil.

2017-07-26 | publication | International | Transport Sector

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### **US Renewable Fuel Standard Program 2018**

On July 5, 2017 EPA issued proposed volume requirements under the Renewable Fuel Standard program for cellulosic biofuel, advanced biofuel, and total renewable fuel for calendar year 2018.

2017-07-26 | press release | USA | biofuels

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### **Alternative fuel vehicle registrations: +37.6% in first quarter of 2017**

In the first quarter of 2017, demand for alternative fuel vehicles (AFV) in the EU grew significantly (+37.6%) to 212,945 units, following a moderate increase at the end of 2016.

2017-08-02 | press release | EU | alternative powertrains

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### **St1 plans to extend its advanced renewable diesel production**

St1 invests in a new hydrogen manufacturing unit, which will be built in St1 Refinery in Gothenburg, Sweden.

2017-08-02 | press release | Sweden | biofuels

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### **21st ETH Conference on Combustion Generated Nanoparticles 19th-22nd June 2017, ETH Zürich**

At the Swiss Federal Polytechnic Institute (= ETH) the 21st Conference on Combustion Generated Nanoparticles was held from June 19th-22nd, three days of intense learning and mutual exchange of knowledge.

2017-08-02 | conference review | International | emissions

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### **Funding for sustainable aviation fuel in Seattle**

Global aviation generates 2 % of global greenhouse gas emissions and is forecast to grow to 5 % by 2050.

2017-08-02 | publication | International | biofuels

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### **Energy commodity prices declined in 2017**

The energy component of the Standard and Poor's Goldman Sachs Commodity Index (GSCI) fell

11% during the first half of 2017, the largest decline for any commodity group.

2017-08-02 | press release | International | feedstock

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### **U.S. fuel ethanol production continues to grow in 2017**

Through the first six months of 2017, U.S. weekly ethanol production averaged 1.02 million barrels per day (b/d), an increase of 5% over the same period in 2016.

2017-08-02 | press release | USA | ethanol

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### **BASF: Sustainable manufacture of palm oil**

German chemical giant BASF is strengthening its operations network for certified palm products.

2017-08-02 | press release | International | feedstock

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### **BEIJING: Campaign Aims for 30% Electric Vehicle Sales by 2030**

The Clean Energy Ministerial (CEM) announced a new campaign called EV 30@30 to speed up the deployment of electric vehicles and target at least 30 percent new electric vehicle sales by 2030.

2017-08-02 | press release | International | electromobility

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### **IEA Energy Technology Perspectives 2017**

The global energy system is moving closer to a historic transformation. This year's edition of the International Energy Agency (IEA)'s comprehensive publication on energy technology focuses on the opportunities and challenges of scaling and accelerating the deployment of clean energy technologies.

2017-08-02 | publication | International | bioenergy

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### **UFOP Supply report 2016/2017**

European and world demand for biomass for the purpose of biofuel production in relation to supply in the food and feedstuff markets

With this report, UFOP aims to objectify the discussion about the pros and cons of using biofuels from sustainable biomass cultivation.

2017-08-02 | publication | International | biofuels

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### **Biofuels future: Carinata sequential cropping concept**

UPM Biofuels is developing a new feedstock concept by growing Brassica carinata as a sequential crop in South America.

2017-08-10 | press release | International | biofuels

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### **Greenhouse gas emissions from renewable jet fuel production**

This study compares the well-to-wake (WtWa) greenhouse gas (GHG) emission performance of multiple RJF conversion pathways.

2017-08-10 | publication | International | biofuels

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### **Biofuel potential in Southeast Asia: Raising food yields, reducing food waste and utilising residues**

Southeast Asia has considerable resources to produce liquid biofuels sustainably, using biomass feedstocks that would not cause carbon-dioxide emissions or interfere with food supply

2017-08-10 | publication | International | feedstock

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### **UFOP Market Information Oilseeds and Biofuels**

Price developments of oilseeds, oilseed meals and oilcakes, vegetable oils and biofuels for the last two months can be read about in the latest UFOP market information.

2017-08-10 | press release | Germany | feedstock

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### **Power to gas: CO2 sources**

The suitability of existing sources of CO2 in Ireland for use in power to gas systems was determined using multi criteria decision analysis.

2017-08-10 | press release | International | emissions

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### **Lignofuels 2018, Amsterdam**

Advanced Biofuels & Materials Conference

The Lignofuels 2018 Conference will be taking place on 7th & 8th February in Amsterdam, The Netherlands

2017-08-22 | event note | International | biofuels

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### **Sustainable First and Second Generation Bioethanol for Europe: Opportunities for People, Planet and Profit**

International conference, 26 September 2017, Brussels

On September 26, join CropEnergies and nova-Institute to discuss the sustainability of first and second generation bioethanol ahead of the review of the EU Renewable Energy Directive (RED II).

2017-08-22 | event note | International | ethanol

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### **IEA Bioenergy survey - REMINDER**

This is a reminder of the IEA Bioenergy survey for which your input is highly appreciated. So far more than 170 responses have been received. Additional input is still welcome.

2017-08-22 | press release | International | bioenergy

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### **UK: Cenex trial of natural gas-fuelled lorries**

Cenex, the UK's first Centre of Excellence for low carbon technologies, announced its involvement in the UK's largest trial of biomethane-fuelled lorries.

2017-08-22 | press release | International | biofuels

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### **Novozymes offers advanced enzymes for ethanol production**

Novozymes announces the launch of Spirizyme® 2.0 T and Spirizyme Ultra T for the European ethanol market.

2017-08-22 | press release | International | ethanol

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### **Berkeley Lab: Advanced Biofuels Process Demonstration Unit**

## ABPDU

Located at Berkeley Lab, the ABPDU aims to support the commercialization of industry-, academic- and DOE-driven biofuels and bio-products by providing a key technical resource and an agile, flexible team for process development and demonstration.

2017-08-22 | press release | USA | Bioeconomy

## The EP's ENVI Committee showed clear support for keeping crop-based biofuels

According to ePURE the members of the European Parliament's ENVI committee see clearly what the Commission and some MEPs do not: that phasing out crop-based biofuels is the wrong way to reach the EU's climate and energy goals after 2020.

2017-08-22 | press release | EU | sustainability

## IRENA Technology brief: Biogas for road vehicles

This brief highlights the technologies available both established and newly emerging for biomethane production and biogas-driven vehicle fleets.

2017-08-24 | publication | International | bioenergy

## GAIN Report: EU28 Biofuels Annual

The USDA Foreign Agricultural Service has published a report on the Biofuels production in 2017 in the European Union.

2017-08-22 | publication | International | biofuels

## What's algae worth? A Multi-Slide Guide to algae biomass valorization

The US Department of Energy has established a project to reduce cost of algal biofuels by increasing intrinsic algal biomass value.

2017-09-05 | press release | USA | Algae

## Webinar Integrated Bioenergy Hybrids - Flexible Renewable Energy Solutions

IEA Bioenergy invites you to participate in a FREE international webinar entitled, Integrated Bioenergy Hybrids - Flexible Renewable Energy Solutions presented by Elina Hakkarainen.

2017-09-05 | event note | International | bioenergy

## Auto industry welcomes stringent emissions tests

The European Automobile Manufacturers' Association (ACEA) welcomes the two new tests for measuring emissions from cars and vans that will start coming into force in the EU tomorrow.

2017-09-05 | press release | International | emissions

## The value of electricity in decarbonizing the EU

EURELECT, the Union of the Electricity Industry has published a report on the role of electricity in decarbonizing the EU by 2050.

2017-09-05 | press release | EU | bioenergy



## Scania in record delivery of hybrid vehicles to Norway

Scania is to deliver 140 buses for public transport in Kristiansand, south-west of the Norwegian capital Oslo.

2017-09-05 | press release | Norway | biofuels

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## Alternative fuel vehicle registrations - Quarter 2 2017

In the second quarter of 2017, EU demand for alternative fuel vehicles (AFV) continued the positive momentum from the first quarter.

2017-09-21 | press release | EU | Transport Sector

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## Land use change threatens European landscapes

Accelerating rates of construction, changing demographics, technological changes, and climate change are key drivers influencing the use of Europe's landscapes.

2017-09-21 | publication | EU | sustainability

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## First generation biofuels are just as sustainable as second generation

both show significant reductions of greenhouse gas emissions

New study conducts quantitative and qualitative sustainability assessment of biofuels against the background of the EU's REDII negotiations.

2017-09-21 | publication | International | biofuels

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## Neste collaborates with GenÃve AÃroport: renewable solutions for aviation

Neste and GenÃve AÃroport are pioneering together by starting decarbonization of aviation.

2017-09-21 | press release | International | biofuels

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## Velocys continues to make progress in renewable FT fuels

On 18 Sep 2017 Velocys announced that it has entered into a partnership to prepare the business case for a commercial scale waste-to-renewable-jet-fuel plant in the UK.

2017-10-05 | press release | International | biofuels

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## SÃdra commences biofuel production

SÃdra, the largest forest-owner association in Sweden and an international forest industry Group will invest more than SEK 100 million in the production of biomethanol, a sustainable fuel from forest raw material.

2017-09-21 | press release | Sweden | biofuels

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## EU: Passenger car registrations: +5.6% in August

In August 2017, passenger car registrations increased by 5.6% across the EU, totaling 865,047 units. In volume terms, last month's figures topped those of August 2008 - marking the European market's best performance in a decade.

2017-09-21 | press release | EU | Transport Sector

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## **New nova Session – Sustainability of first and second generation crops**

The workshop will tackle the on-going debate between companies, policy makers and NGOs about the use of food crops for energy and materials. In recent years, it has been difficult to separate facts from myths and science from ideology. We will discuss all sides of the coin and elaborate on biomass supply and demand until 2050.

2017-10-05 | event note | Germany | feedstock

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## **Truck fuel bills can be cut –5,700 if new technology deployed, report finds**

Trucks could be up to 18% more fuel efficient and save hauliers –5,700 a year by using technology that is already available, a new report by sustainable transport group Transport & Environment (T&E) shows.

2017-10-05 | press release | International | sustainability

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## **9 Amazing New Innovations That Are Creating More Fuel Efficiency**

If you're trying to improve your budget, protect the environment, or simply stop wasting so much money on gasoline, fuel efficiency is hugely important.

2017-10-05 | publication | International | sustainability

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## **IEA Bioenergy Task 39 Newsletter - latest Issue**

This issue of the Task 39 newsletter highlights biofuels developments of likely interest to Task 39 stakeholders, including some of Task 39's recent work. A feature on Biofuels in China is included.

2017-10-05 | newsletter | International | biofuels

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## **IEA AMF Newsletter 2/2017**

The new AMF (Advanced Motorfuels) Newsletter has been published recently.

2017-10-05 | newsletter | International | advanced motor fuels

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## **Advanced biofuels plant to be built in Slovakia**

Clariant, a developer of specialty chemicals, and Enviral, Slovakia's largest bioethanol producer, have announced a license agreement on sunliquid cellulosic ethanol technology.

2017-10-05 | press release | International | biofuels

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## **Sustainable food system in Europe possible, but challenging**

2017-10-19 | press release | International | material use of biomass

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## **IEA Bioenergy: –The role of industrial biorefineries in a low-carbon economy–**

2017-10-19 | press release | International | biorefinery

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## **EU ULTRA-E Action for long distance EVs**

Long distance electrical vehicles (EV) have a driving distance of up to 500 km. However, charging these new EV would take 1.5-2 hours on existing fast chargers. For this reason, the successful introduction of long distance EV depends on the availability of ultra-fast chargers that will reduce the charging time down to 20 minutes.

2017-10-19 | press release | EU | electromobility

## **15. Symposium Energieinnovation - NEUE ENERGIE FUER UNSER BEWEGTES EUROPA**

Vom 14.-16. Februar 2018 findet an der TU Graz das 15. Symposium Energieinnovation statt. Das Thema der diesjaehrigen Veranstaltung lautet: "NEUE ENERGIE FUER UNSER BEWEGTES EUROPA".

2017-10-19 | press release | International | energy supply

## **15th International Conference on Renewable Mobility – Fuels of the Future**

The programme of the 15th International Conference on Renewable Mobility – Fuels of the Future is now available.

2017-10-19 | event note | International | alternative powertrains

## **SUPERGEN Bioenergy Hub**

The SUPERGEN Bioenergy Hub aims to bring together industry, academia and other stakeholders to focus on the research and knowledge challenges associated with increasing the contribution of UK bioenergy to meet strategic environmental targets in a coherent, sustainable and cost-effective manner.

2017-10-19 | project | International | bioenergy

## **Bioenergy - a graphic introduction**

2017-11-02 | publication | International | bioenergy

## **6th International Conference on Lignocellulosic Ethanol - Presentations online**

Presentations of the 6th ICLE are now available.

2017-11-02 | conference proceedings | EU | biofuels

## **Plug-in electric vehicles: future market conditions and adoption rates**

In 2016, slightly more than 19% of new vehicles sales in Norway were plug-in electric vehicles.

2017-11-02 | press release | International | electromobility

## **Banning palm oil blocks good practices**

Palm oil is not equal to palm oil, ETH Zürich argues in a blog. Since plantations differ massively in environmental and social criteria, a general ban of palm oil in biofuels would punish the wrong producers while having little impact on reducing deforestation.

2017-11-02 | press release | International | pure plant oil

### **Project Liberty overcomes preprocessing bottlenecks**

The Ethanol Producer Magazine reports on October 24 that Poet-DSM Advanced Biofuels has overcome bottlenecks associated with the feedstock pretreatment process and is now focused on downstream processing at Project Liberty.

2017-11-02 | press release | USA | ethanol

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### **AMBITION• Project integrates Biopower and Biofuels**

AMBITION brings together research partners from 8 European countries to create strong, focused and sustainable partnerships between internationally renowned bioenergy research institutions.

2017-11-02 | press release | EU | bioenergy

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### **Review of Bioenergy Potential - Cadent-Bioenergy-Market-Review**

This work suggests that biomethane will continue to make an important contribution to renewable gas generation, but suggests that BioSNG has far greater potential.

2017-11-02 | publication | International | biogas

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### **Gruppo Mossi Ghisolfi companies bankrupt?**

The court of Alessandria admitted Gruppo Mossi Ghisolfi companies to the "concordato preventivo" in accordance with article 161 sixth paragraph of the Bankruptcy Law.

2017-11-02 | press release | Italy | biofuels

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### **Market share of electrically chargeable passenger cars in 2016**

2017-11-02 | press release | EU | electromobility

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### **Biofuels Digest News: DowDuPont to exit cellulosic biofuels business**

According to Jim Lane from the "Biofuels Digest" DowDuPont announced that it intends to sell its cellulosic biofuels business and its first commercial project, a 30 million gallon per year cellulosic ethanol plant.

2017-11-15 | press release | International | ethanol

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### **Clariant: cellulosic ethanol plant for Romania**

Clariant announced the approval by the Board of Directors to invest in a new full-scale commercial plant for the production of cellulosic ethanol from agricultural residues using its sunliquid® technology.

2017-11-15 | press release | International | ethanol

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### **EP Committee on Environment denies prospects for domestic biofuels**

The Union for the Promotion of Oil and Protein Plants (UFOP) expresses its disappointment in the result of the vote in the European Parliament's Committee on Environment concerning the biofuel policy for the period from 2020 to 2030.

2017-11-15 | press release | EU | sustainability

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## EU: Greenhouse gas emissions 2016

"The EU is firmly on track to meet its 2020 emissions targets. However we all need to intensify our efforts if we are to meet more ambitious longer term goals for 2030 and 2050", said Hans Bruyninckx, Executive Director of the European Environmental Agency (EEA).

2017-11-15 | press release | International | emissions

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## Alternative fuel vehicle registrations: +51.4% in third quarter of 2017

In the third quarter of 2017, registrations of alternative fuel vehicles (AFVs) in the European Union continued to show strong growth, with demand increasing by 51.4% compared to last year.

2017-11-15 | press release | EU | Transport Sector

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## U.S. Exports of Ethanol and DDGS?

2017-11-15 | press release | International | ethanol

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## Biofuels between science and EU politicians

In order to rebuild confidence in EU decision-making, there is a need to establish a third independent body between EU politicians and the European Food Safety Authority (EFSA) as neither NGOs nor the industry can say whether a substance should be banned or not.

2017-11-15 | press release | EU | biofuels

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## Neste and American Airlines collaborate to explore renewable fuel use

Neste and American Airlines have entered into an agreement to explore opportunities to reduce American's environmental footprint through the use of renewable fuels.

2017-11-15 | press release | International | biofuels

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## Passenger car registrations in Europe: +3.9% over 10 months

From January to October 2017, passenger car registrations across the European Union increased by 3.9%, totalling more than 12.8 million new vehicles registered.

2017-11-29 | press release | EU | Transport Sector

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## COP 23: 19 Nations Say They'll Use More Bioenergy

China and 18 other nations representing half the world's population said at COP 23 they planned to increase the use of wood and other plant matter from sustainable sources to generate energy as part of efforts to limit climate change.

2017-11-29 | press release | International | bioenergy

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## TO-SYN-FUEL: Waste Biomass to Synthetic Fuels and Hydrogen

The EU funded TO-SYN-FUEL project will demonstrate the conversion of organic waste biomass (Sewage Sludge) into biofuels.

2017-11-29 | press release | EU | biofuels

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## DEUTZ approves engines for the use of alternative fuels

2017-11-29 | press release | International | biofuels

### **Transport is Europe's biggest climate problem**

2017-11-29 | press release | International | Transport Sector

### **Current air quality information at your finger tips**

2017-11-29 | press release | International | emissions

### **Economic activity and electricity use is changing around the world**

2017-11-29 | press release | International | energy supply

### **Neste Singapore celebrates its 10th anniversary**

2017-11-29 | press release | International | biodiesel

### **EU targets on renewables and energy: progress slowing down**

The European Union (EU) and most of its Member States are on track to reach their 2020 targets on renewable energy and energy efficiency.

2017-11-29 | press release | International | emissions

### **IEA: New Bioenergy Technology Roadmap Published**

The International Energy Agency's new 'Technology Roadmap: Delivering Sustainable Bioenergy' provides the technology milestones and policy actions needed to unlock the potential of bioenergy in line with a long-term low-carbon and sustainable global energy mix.

2017-11-29 | publication | International | bioenergy

### **E-fuels Technologies in European Transport's Future**

According to a report by Cerulogy for T&E, e-fuels only have meaningful climate benefits if strict sustainability criteria are observed throughout the production process.

2017-12-14 | publication | International | bioenergy

### **Mixed progress for Europe's transport sector in meeting environment goals**

The EEA Briefing 'Transport and Environment Reporting Mechanism gives an annual progress assessment.

2017-12-14 | press release | EU | emissions

### **Annual Ethanol & Biofuels Conference by Curtis & Wyss**

The annual Ethanol & Biofuels Conference is scheduled on February 26-27, 2018 in Prague, Czech

Republic.

2017-12-14 | event note | International | biofuels

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### **15th International conference "Fuels of the Future 2018" in Berlin**

The 15th International conference "Fuels of the Future 2018" will take place on 22 / 23 January 2018 in Berlin.

2017-12-14 | event note | International | advanced motor fuels

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### **Advanced Bioeconomy Leadership Conference**

The conference includes a connected series of 5 conferences on the most important issues in the Bioeconomy and takes place on February 28th 2018 in Washington D.C.

2017-12-14 | event note | International | Bioeconomy

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### **International Fuel Ethanol Workshop & Expo June 11-13, 2018**

The 34th Fuel Ethanol Workshop and Exhibition (FEW) - which is the world's largest ethanol event - will take place between June 11 and 13, 2018 in Omaha, Nebraska.

2018-01-04 | event note | International | ethanol

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### **Fuels of the Future 2018 - CORRECTION**

In our last Newsletter some old and new data on the Fuels of the Future Conference got mingled - we apologize and hereby present the correct programme.

2018-01-04 | event note | International | advanced motor fuels

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### **U.S. biodiesel production still increasing despite expiration of tax credit**

Through the first nine months of 2017, U.S. biodiesel production levels were slightly higher than 2016 levels, despite the expiration of a federal biodiesel blender's tax credit at the end of 2016.

2018-01-04 | press release | USA | biodiesel

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### **Greening steel production through bioethanol and torrefied wood**

By collaborating with internal experts, those from academia and its customers, ArcelorMittal seeks ways to achieve its ambition of becoming a zero-waste company.

2018-01-04 | press release | International | Bioeconomy

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### **Report on ILUC GHG emissions of biofuels production published**

The study provides systematic analysis of the latest available scientific research and the latest available scientific evidence on indirect land use change (ILUC) greenhouse gas emissions (GHG) associated with production of biofuels.

2018-01-04 | publication | International | sustainability

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### **Steeper Energy Announces EUR 50.6 M (DKK 377 M) Advanced Biofuel Project**

Steeper Energy, a Danish-Canadian clean-fuel company, is partnering with Silva Green Fuel, a Norwegian-Swedish joint venture, to construct a EUR 50.6 M (DKK 377M) industrial scale demonstration plant at a former pulp mill located in Tofte, Norway leading to a future commercial

scale project.

2018-01-04 | press release | International | advanced motor fuels

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### **Renewable energy – EU Council adopts its position**

On 18 December 2017, the EC Council adopted its position on a directive promoting the use of renewable energy.

2018-01-10 | press release | EU | renewable energy

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### **An ETI Perspective - Natural Gas Pathway Analysis for Heavy Duty Vehicles**

The report presents the results of a comprehensive modelling exercise of natural gas Well-to-Motion (WTM) pathways relevant for heavy duty vehicles, to understand the impact on Green House Gas (GHG) emissions of natural gas vehicles forming part of the HDV fleet in the UK.

2018-01-10 | publication | UK | advanced motor fuels

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### **The latest in bioenergy R&D in the US**

Jim Lane published in his “Biofuels Digest” in a slide presentation the most actual efforts of the US Department of Energy’s Bioenergy Technologies Office (BETO) toward technologies for producing cost-competitive advanced biofuels from non-food biomass resources.

2018-01-10 | press release | USA | biofuels

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### **First public ultra-fast charging station operational**

As of 21 December 2017, Europe has its first publicly accessible “ultra-fast charger point”. This new generation of charging stations is part of a transnational network of pioneering charging technology.

2018-01-10 | press release | EU | electromobility

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### **16 January 2018: Workshop on political and regulatory issues related to Bio-CC(U)S**

The IEA Bioenergy Special Project on Bio-CCS and Bio-CCU in cooperation with the Directorate General of the European Commission is organising this workshop to address the political and regulatory issues related to large-scale industrial implementation of Bio-CC(U)S as a climate mitigating tool.

2018-01-10 | event note | International | sustainability

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### **POET-DSM cellulosic biofuels commercialization**

The company has solved the critical challenge in pretreatment, overcoming what has been the No. 1 hurdle to commercialization for producers around the world, according to their news release. Project LIBERTY is now running pretreatment at 80 percent uptime.

2018-01-10 | press release | International | biofuels

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### **European Parliament set ambitious targets for clean energy**

The European Parliament endorsed committee proposals for binding EU-level targets of an 35% improvement in energy efficiency, a minimum 35% share of energy from renewable sources in gross final consumption of energy, and a 12% share of energy from renewable sources in transport, by



2030.

2018-01-25 | press release | EU | renewable energy

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### **Venice 2018 - 7th international symposium on energy from biomass and waste**

The call for abstracts for the Venice 2018 Symposium, to be held in Venice, Italy from 15-18 October 2018, is now officially open!

2018-01-25 | event note | International | bioenergy

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### **Car and van manufacturers meet CO2 emission targets for 2016**

All car and van manufacturers met their CO2 specific emission targets in 2016 but they will need to continue their efforts to meet future agreed-to cuts.

2018-01-25 | press release | International | emissions

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### **AkzoNobel and Gasunie looking to convert water into green hydrogen using sustainable electricity**

AkzoNobel Specialty Chemicals and Gasunie New Energy have joined forces to investigate the possible large scale conversion of sustainable electricity into green hydrogen via the electrolysis of water.

2018-01-25 | press release | International | advanced motor fuels

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### **Public consultation on the next EU Research & Innovation programme**

On 10 January 2018, the European Commission launched a series of public consultations clustered by key policy areas, in preparation for the EU's next long-term budget post-2020 (MFF). Citizens, organisations and businesses can give their views online until 8 March 2018.

2018-01-25 | call | EU | R&D

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### **ECO-BIO 2018: Team up to accelerate the global bioeconomy**

The ECO-BIO 2018 will take place in Dublin, Ireland on 4 - 7 March, 2018.

2018-02-06 | press release | International | Bioeconomy

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### **34th FEW Fuel Ethanol Workshop and Expo**

The 34th Fuel Ethanol Workshop and Expo will take place in Omaha, Nebraska on 11 - 13 June 2018.

2018-02-06 | event note | International | ethanol

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### **Oleofuels 2018**

The Oleofuels 2018 conference will be held in Helsinki, Finland on 6 - 7 June.

2018-02-06 | event note | International | biofuels

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### **AltAir Biojet Fuel Refinery achieves RSB certification**

The Roundtable on Sustainable Biomaterials (RSB) announced the certification of AltAir to produce biojet fuel, renewable diesel and naphtha, a gasoline component.

2018-02-06 | press release | International | biorefinery

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## **Greenhouse gas emissions in rapeseed cultivation need to be assessed realistically for mitigation**

A network of eight partners investigated greenhouse gas (GHG) emissions from the cultivation of rapeseed.

2018-02-06 | press release | Germany | emissions

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## **Europe: Aviation and shipping face big challenges in reducing environmental impacts**

A massive shift in innovation, consumer behaviour and the take up of more ambitious green technologies to power aircraft and sea-faring cargo ships will be crucial to reducing their long-term carbon footprint.

2018-02-06 | publication | EU | emissions

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## **Alternative fuel vehicle registrations: +35.1% in fourth quarter; +39.7% in 2017**

In the fourth quarter of 2017, demand for alternative fuel vehicles (AFVs) in the EU continued to grow; results were 35.1% higher than in 2016.

2018-02-06 | press release | EU | markets

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## **China surpassed the United States as the world's largest crude oil importer**

China surpassed the United States in annual gross crude oil imports in 2017, importing 8.4 million barrels per day (b/d) compared with 7.9 million b/d for the United States.

2018-02-06 | press release | International | energy supply

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## **Steady sales to Europe underpin demand for Australian canola**

2018-02-27 | press release | International | biofuels

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## **11th Biofuels International Conference and Expo**

The conference will take place on 10 and 11 October in Berlin.

2018-02-27 | event note | International | biofuels

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## **ACEA: Some key message from the Secretary General**

Last year, passenger car sales grew by 3.4% – bringing the total number of cars sold in the EU to 15.1 million but the situation remains fragile.

2018-02-27 | press release | EU | Transport Sector

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## **Alternative fuel vehicle registrations: +39.7% in 2017**

In the fourth quarter of 2017, demand for alternative fuel vehicles (AFVs) in the European Union continued to grow – EU results were 35.1% higher than in the same period in 2016.

2018-02-27 | press release | EU | material use of biomass

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## **Position Paper: The European Commission's Action Plan on Alternative Fuels Infrastructure**

As an answer to the Clean Mobility Package ACEA worked out a position paper which provides ACEA's perspective on the Commission's Action Plan.

2018-02-27 | press release | International | advanced motor fuels

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## **IEA Bioenergy: Bio-Carbon Capture and Sequestration/ Utilization**

IEA Bioenergy Task 41 organized a workshop on Bio-CC(U)S in Brussels on 16th 2018.

2018-02-27 | conference proceedings | International | CO2 Recovery

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## **Is energy from woody biomass positive for the climate?**

IEA Bioenergy has produced a brief on the question: The brief provides background and a number of concise arguments on this question.

2018-02-27 | press release | International | bioenergy

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## **More soymeal from Brazil**

Brazil is expected to export more soymeal in 2018 as crushing rates are forecast to rise on demand for soybean oil as a fuel as well as a drought that is slashing the size of the Argentine crop, analysts have said this week.

2018-03-08 | press release | International | biodiesel

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## **Ethanol margins are driving ethanol production growth in the US**

Estimated ethanol production margins at U.S. corn ethanol plants averaged 22 cents per gallon in 2017.

2018-03-08 | press release | USA | ethanol

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## **Status of Advanced Biofuels**

There are over 2,000 biomass to fuel facilities representing 1,461 companies in 90 countries.

2018-03-12 | press release | International | biofuels

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## **2018 International Fuel Ethanol Workshop Technical Sessions Agenda**

The 2018 International Fuel Ethanol Workshop & Expo has released its agenda featuring more than 150 speakers and four comprehensive tracks.

2018-03-29 | event note | International | ethanol

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## **EU-India conference on Advanced Biofuels**

About 260 Technology developers, industry representatives and investors in a met in New Delhi, India between March 6-8.

2018-03-29 | conference proceedings | International | biofuels

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## **Proteins and Renewable Energy in Europe**

2018-03-29 | publication | International | feedstock

### **Commercial vehicle registrations: +6.5% first two months of 2018; +5.0% in February**

In February 2018, demand for new commercial vehicles increased by 5.0% in the European Union.

2018-03-29 | press release | EU | Transport Sector

### **New type of reactor for biological methanation successfully tested as a flexible energy storage**

Trickle-bed reactor of the BTU Cottbus methanisiert either carbon dioxide or raw biogas being boosted with hydrogen - methane formation rate, high product quality, low energy consumption

2018-04-11 | press release | Germany | energy supply

### **Rapeseed oil price fell to a multi-year low**

Prices of vegetable oils declined. Above all, rapeseed oil weakened considerably, but soybean oil also came down sharply.

2018-04-11 | press release | International | markets

### **First car driving with Global Bioenergies' renewable gasoline**

First Audi car to drive at the Montlhéry circuit using over 34% renewable gasoline.

2018-04-11 | press release | France | biofuels

### **FAME, rapeseed oil round robin tests modified to include UCO**

In Germany, AGQM and FAM have opened registration for their annual round robin tests for biodiesel and rapeseed oil. After a decade of such tests, however, the groups have modified rapeseed oil fuel round robin test to include used cooking oil.

2018-04-11 | call | Germany | biodiesel

### **ETIP Bioenergy Workshop Emerging Technologies**

June 4th, 2018, Brussels

ETIP Bioenergy will present several low TRL biofuel technologies during a workshop taking place on 4th June at the NH Brussels EU Berlaymont in Brussels, combined with offering opportunities for B2B (Business to Business) matchmaking.

2018-04-25 | event note | EU | biofuels

### **Biofuels for the Marine Sector: New Opportunities and New Challenges**

Free Webinar on May 8

IEA Bioenergy invites to participate in an international webinar entitled, 'Biofuels for the Marine Sector: New Opportunities and New Challenges' presented by Claus Felby.

2018-04-23 | event note | International | biofuels

### **About 7% of fossil fuels are consumed for non-combustion use in the United States**

While most fossil fuels in the United States are burned, or combusted, to produce heat and power, EIA estimates that the equivalent of about 5.5 quadrillion British thermal units of fossil fuels were consumed for non-combustion purposes in the United States in 2017. Over the past decade, non-combustion consumption of fossil fuels has typically accounted for about 7% of total fossil fuel consumption and about 6% of total energy consumption in the United States.

2018-04-23 | press release | USA | application

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### **Global Bioenergies and SkyNRG announce their collaboration**

Global Bioenergies and SkyNRG announce their collaboration on ASTM-certification of a bio-isobutene feedstock and conversion process for the production of sustainable aviation fuel.

2018-04-23 | press release | International | synthetic fuels

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### **ETIP Bioenergy Workshop Emerging Technologies**

Agenda is now online

ETIP Bioenergy hosts a workshop on low TRL technologies on 4th June in Brussels. The final agenda is now available.

2018-05-09 | event note | EU | conversion technologies

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### **Mid and long term potential for advanced biofuels in Europe**

Report of EC DG RTD

Study commissioned by Directorate-General for Research and Innovation - Research and innovation perspective of the mid-and long-term potential for advanced biofuels in Europe

2018-05-09 | publication | EU | biofuels

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### **Electricity-Based Fuels**

Costs and potential uses of fuels synthesized from renewable electricity

A recent study commissioned by Agora Verkehrswende and Agora Energiewende investigates the costs and potential uses of fuels synthesized from renewable electricity.

2018-05-09 | publication | Germany | synthetic fuels

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### **U.S. exported a record amount of fuel ethanol in 2017**

The United States exported nearly 1.4 billion gallons of fuel ethanol in 2017, surpassing the previous record of 1.2 billion gallons set in 2011. U.S. imports of ethanol in 2017 increased compared with 2016 but remained relatively small at 77 million gallons, resulting in the United States being a net exporter of ethanol for the eighth consecutive year.

2018-05-09 | press release | USA | markets

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### **Fuel types of new cars in Europe in 1st quarter of 2018**

In the first quarter of 2018, 37.9% of all new passenger cars in the EU ran on diesel. Petrol cars accounted for 55.5%. Alternatively-powered vehicles accounted for 6.5% of EU car sales in Q1 2018, with electrically chargeable vehicles making up 1.7% of all cars sold.

2018-05-09 | press release | EU | Transport Sector

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### **US Department of Energy invests \$78 M in Bioenergy research**

Washington, U.S. Secretary of Energy Rick Perry announced four funding opportunities totaling up to \$78 million to support early-stage bioenergy research and development under the Office of Energy Efficiency and Renewable Energy's Bioenergy Technologies Office.

2018-05-09 | press release | USA | R&D

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### **B2B Matchmaking on low TRL biofuel technologies**

ETIP Bioenergy Workshop Emerging Technologies

ETIP Bioenergy will present several low TRL biofuel technologies during a workshop taking place on 4th June at the NH Brussels EU Berlaymont in Brussels, combined with offering opportunities for B2B (business-to-business) matchmaking.

2018-05-22 | event note | EU | biofuels

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### **Neste satisfied with the preliminary agreement on RED II**

We are pleased with the agreement on the EU-wide overall target of 32% for renewables in 2030, and the target of 14% for renewables in transport in 2030. This shows that the EU takes climate change seriously.

2018-06-19 | legislation | EU | renewable energy

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### **IEA Bioenergy Task 39 Newsletter#48**

IEA Bioenergy Task 39 (liquid biofuels) published the latest newsletter featuring an article on "Biofuels Production and Consumption in the US: Status, Advances and Challenges" and a summary of Task 39 first business meeting in Beijing.

2018-05-22 | newsletter | International | biofuels

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### **Neste reports strong Q1 performance for renewables division**

On April 26, Neste Corp. released first quarter 2018 financial results, reporting strong results for the company's Renewable Products division. Overall, the company posted an all-time high quarterly profit.

2018-05-22 | press release | USA | markets

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### **€13.9m EU funding to demonstrate the production of isobutene**

Global Bioenergies announced the start of a 3-year project to demonstrate a new value chain combining its Isobutene process with technologies developed by Sekab and Neste, two of Europe's leading technology developers.

2018-05-22 | press release | EU | synthetic fuels

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### **New vans sold in Europe: large decrease in CO2 emissions**

Average carbon dioxide (CO2) emissions of new vans registered in the European Union (EU) in 2017 were 4.7% lower than in 2016, according to preliminary data published today by the European Environment Agency (EEA). This is the highest annual reduction reported since the regulation to reduce CO2 emissions from light-duty vehicles came into force in 2011.

2018-05-22 | press release | EU | emissions

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### **ETIP Bioenergy Workshop Emerging Technologies**

New biofuel production concepts focus on decentral small-scale biomass conversion units and on integration with fossil refineries. Hydrogen from electrolysis can significantly enhance the utilization of biogenic carbon in synthesis gas processes.

2018-06-19 | conference review | EU | conversion technologies

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### **EU-sourced biofuels in the future renewable energy mix**

Farm Europe's Green Energy Platform welcomes the decision of the European Parliament and European Council to reject the Commission's proposal to phase out all 1st generation biofuels.

2018-06-19 | press release | EU | energy supply

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### **Small cut in EU's total greenhouse gas emissions in 2016 but transport emissions keep increasing**

The EEA's 'Annual European Union greenhouse gas inventory 1990-2016 and inventory report 2018' shows a 0.4 % decrease in the total EU greenhouse gas emissions in 2016, compared with 2015. From 1990 to 2016, the EU has reduced its net greenhouse gas emissions by 22.4 %, surpassing its 20 % reduction target by 2020.

2018-06-19 | publication | EU | emissions

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### **Biodiesel exports rose strongly**

In the first three months of 2018, German exports of biodiesel rose strongly. Above all, demand from the US, but also from Belgium and Austria saw a sharp increase.

2018-06-19 | press release | Germany | biodiesel

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### **Same prices for Diesel fuel and palm oil: the consequences**

UFOP urges dialogue parties in Brussels to reconsider their position on biofuels – Asking prices for diesel fuel and palm oil have reached virtually the same level. The reason is contradictory price trends for crude and palm oil.

2018-06-19 | press release | Germany | biodiesel

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### **Commercial transport can be fossil-free by 2050**

A fossil-free commercial transport system in the timeframe of the Paris Agreement target is not only possible, but also financially attractive from a societal perspective. This is the key conclusion of a study initiated by Scania.

2018-06-19 | publication | International | Transport Sector

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### **Ethanol Produced from Steel Mill Emissions**

Carbon recycling company, LanzaTech, and its joint venture partner, Shougang Group, a Chinese iron and steel producer, have announced the successful start-up of the world's first commercial facility converting industrial emissions to sustainable ethanol. The facility, located at the Jingtang Steel Mill in Caofeidian in Hebei Province, began operations on May 3.

2018-06-19 | press release | China | ethanol

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### **Green Gas**

Facilitating a future green gas grid through the production of renewable gas

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IEA Bioenergy Task 37 published a study on Green Gas - Facilitating a future green gas grid through the production of renewable gas.

2018-06-19 | publication | EU | biogas

### **ETIP Bioenergy scoping workshop**

Supporting outset and consolidation of bioenergy value chains in South East Europe - 3rd July 2018

The Central European Initiative, in close cooperation with SERBIO, organizes a scoping workshop on biomass-for-energy perspectives in Vojvodina and the potential contribution of ETIP Bioenergy to un-tap them by bridging between local actors and EU stakeholders.

2018-06-26 | event note | EU | bioenergy

### **EPA Registers Isobutanol for Blending into Gasoline**

On June 12, 2018, Administrator Pruitt issued to Butamax Advanced Biofuels LLC registering isobutanol as a fuel additive for blending into gasoline at levels up to 16 volume percent.

2018-06-26 | legislation | USA | application

### **MEPs: ambitious targets for clean energy**

The members of the European Parliament (MEP) want to boost energy efficiency and the share of renewables in the total energy mix by 35%.

2018-06-26 | press release | EU | energy supply

### **European Commission welcomes ambitious agreement**

An ambitious agreement on increasing renewable energy use in Europe was reached between the Commission, the European Parliament and the Council.

2018-06-26 | legislation | EU | energy supply

### **Algal Cultivation Certificate Program Announces its First Graduates**

The Algae Technology Educational Consortium (ATEC), funded by the U.S. Department of Energy's Bioenergy Technologies Office, announced its first graduates from the algal certificate program at Santa Fe Community College in Santa Fe, New Mexico.

2018-06-26 | press release | USA | Algae

### **Approval list of commercial vehicle manufacturers**

Today many engine manufactures are willing to create the technical conditions for the use of Biodiesel and to approve their engines for B100.

2018-07-04 | press release | EU | biodiesel

### **Lack good options for low carbon transport, steel and cement production**

Climate discussions center on the need to replace fossil-fuel power plants with technologies like wind turbines and solar panels. But a new paper in Science offers a stark reminder that there are still huge parts of the global energy system where we simply don't have affordable ways of halting greenhouse-gas emissions.



2018-07-04 | publication | International | energy supply

### **IUCN report "Palm Oil and Biodiversity"**

The report is an objective analysis of palm oil impacts on global biodiversity and possible solutions.

2018-07-04 | publication | International | feedstock

### **Nearly 20 Mio. t for H2020 REWOFUEL Project**

Goal of the REWOFUEL project (REsidual soft WOod conversion to high characteristics drop-in bioFUELS) is to demonstrate the performances, reliability, environmental and socio-economic sustainability of the entire value chain, for the transformation of residual soft-wood into hydrolysate (RWH), conversion of RWH into bio-Isobutene (bio-IBN) by fermentation and further conversion to biofuels.

2018-07-04 | project | EU | biofuels

### **Best and Worst Diesel Cars Emissions**

The first diesel vehicle that met the regulated Euro 6 limit for nitrogen oxides (NOx) on Emissions Analytics real-world EQUA Index ([www.equaindex.com](http://www.equaindex.com)) test was in May 2013.

2018-07-17 | press release | International | emissions

### **LanzaTech: Future Fuels for Flight and Freight competition in UK**

LanzaTech, Virgin Atlantic and partners are one-step closer to building a large scale Alcohol to Jet (ATJ) facility producing commercial quantities of fuel in the UK. The commercial facility would convert low carbon ethanol produced from waste emissions, to jet fuel.

2018-07-17 | press release | UK | conversion technologies

### **Agriculture and transport pose problems in meeting agreed air pollution limits**

Emissions from agriculture and transport continue to pose problems for European Union Member States in meeting EU and United Nations air pollution limits, according to updated data published by the European Environment Agency (EEA) today. While emissions of most air pollutants remain on a downward trend, ammonia emissions continued to rise in 2016.

2018-07-17 | publication | EU | emissions

### **Advent to acquire GE's Distributed Power business**

Advent International, one of the largest global private equity investors, announced that it has signed a definitive agreement to acquire General Electric's Distributed Power business for \$3.25 billion. The transaction includes Distributed Power's Jenbacher and Waukesha engines, as well as manufacturing sites in Austria, Canada and the U.S.

2018-07-17 | press release | International | markets

### **GLOBAL BIOENERGIES and AUDI renew their partnership in renewable gasoline**

Global Bioenergies (Euronext Growth: ALGBE) and Audi announced today the signing of a new agreement focused on the implementation of residue usage, preparation of a path to commercialization and engine testing of new blends.

2018-07-17 | press release | France | biofuels

### **Liquefied biogas for a Swedish ship**

Skangas have supplied the Swedish shipping company Furetank with Liquefied Biogas (LBG). The LBG was delivered to Furetank's M/T FURE VINGA from Skangas. The fueling took place at Gothenburg, transferring the fuel directly from a tanker truck to the ship.

2018-07-17 | press release | Sweden | application

### **Growing Passenger car registrations in the EU**

In June 2018, passenger car registrations posted a robust increase (+5.2%) across the EU, totaling almost 1.6 million new cars. In volume terms. Results were diverse among the five major EU markets. The United Kingdom (-3.5%) and Italy (-7.3%) both posted declines, while demand for cars increased in France (+9.2%), Spain (+8.0%) and Germany (+4.2%).

2018-07-17 | press release | EU | Transport Sector

### **Record amount of Biofuels in California 2016**

The Californian transportation sector, the state's largest source of greenhouse gases, saw a 2 % increase in emissions in 2016 because of increased fuel consumption.

2018-07-17 | press release | USA | biofuels

### **Real Driving Emissions is a tough, but risky regulation**

Aggressive driving on average increases pollutant emissions by 35% in rural driving and by around five times on the motorway, according to testing of the latest passenger cars by Emissions Analytics on its EQUA Index programme.

2018-07-25 | press release | International | emissions

### **Can Renewable Gas Contribute to Decarbonization in the EU?**

On 9th April 2018, the Florence School of Regulation organized a Policy Workshop with stakeholders, including academics from the University of Groningen and the University College London, the officials from the European Commission, ENTSG and ACER, a representative of the German government and representatives of major European energy companies.

2018-07-25 | conference review | EU | biogas

### **US glycerine market finely balanced**

The US glycerine markets are seeing finely balanced supply/demand dynamics as the second half of 2018 ramps up. Market participants are trying to gauge supply tightness in coming months, and the supply/demand balance is delicate.

2018-07-25 | press release | USA | markets

### **A Multi-Slide Guide to Drop-In renewable Fuels**

The presentation on drop-in renewable fuels, featuring Drop-in Fuels 2020 author and in-demand industry consultant Will Thurmond details the very latest in a wide array of approaches to making infrastructure-compatible, high-blend renewable fuels.

2018-07-25 | publication | International | synthetic fuels

## **Biochemtex, Beta Renewables, IBP and Italian Bio Products to be auctioned off**

In Italy, four bioenergy and biofuel companies, Biochemtex S.p.A., Beta Renewables S.p.A., IBP Energia S.r.l. and the Italian Bio Products S.r.l. companies will be auctioned off en bloc in an inseparable sale to the highest bidder, starting at a minimum bid of of € 75.0 million in Italy's Court of Alessandria.

2018-07-25 | press release | Italy | renewable energy

## **Levelized cost of energy of an advanced electro-fuel system**

The paper investigates the interaction of a 10MWe P2G facility with an island electricity grid with limited interconnection, through modelling electricity purchase.

2018-07-25 | publication | International | electromobility

## **Soybean Prices Plunge to a 9-Year Low**

Using a harvested acreage estimate of 88.9 million acres and a projected 2018/19 yield of 48.5 bushels per acre, USDA edged up its production forecast for U.S. soybeans by 30 million bushels this month to 4.31 billion.

2018-07-25 | press release | USA | feedstock

## **Indonesian & Indian Palm Oil Industry promote sustainable trade**

A Memorandum of Understanding (MoU) has been signed which, for the first time, recognizes the Indonesian Sustainable Palm Oil (ISPO) and the Indian Palm Oil Sustainability (IPOS) Framework as legitimate sustainability frameworks for palm oil production and trade between Indonesia and India.

2018-07-25 | press release | International | feedstock

## **Eco Mobility 2018 - 13th international conference**

12th and 13th November 2018, Vienna

A3PS - Austrian Association for Advanced Propulsion Systems holds the 13th international conference Eco Mobility 2018 on 12th and 13th November in Vienna.

2018-07-25 | event note | Austria | mobility

## **IEA-DG ENER Workshop on "Electrofuels"**

10 September, 2018, Brussels

The International Energy Agency (IEA) and the Directorate General for Energy of the European Commission (DG ENER) are organising this workshop on Electrofuels in close cooperation with the Alternative Renewable Transport Fuels Forum (ART Fuels Forum) and five IEA Technology Collaboration Programs (TCP): Bioenergy, Hydrogen, Clean and Efficient Combustion, Advanced Fuel Cells, and Advanced Motor Fuels.

2018-07-25 | event note | EU | advanced motor fuels

## **23rd International Symposium on Alcohol Fuels - Call for Papers**

November 1-3, 2018, Hangzhou, China

Zhejiang University in China hosts the 23rd International Symposium on Alcohol Fuels on November 1-3 with the theme "Role of Alcohol Fuels in a World of Many Energy Options".

2018-07-25 | call | International | biofuels

### **Conference "Revolution in Food and Biomass Production (REFAB)"**

1-2 October 2018, Cologne, Germany

The new conference "Revolution in Food and Biomass Production" (REFAB) will showcase leading solution approaches from the wide range of topics.

2018-07-25 | event note | International | feedstock

### **The outcome of three successful conducted ETIP Bioenergy Workshops**

As previously announced various ETIP Bioenergy workshops took place in the past few months. The FNR as coordinator of the ETIP Bioenergy project held different presentations at these workshops. The following paragraphs will present the outcomes of these very productive and fruitful workshops.

2018-08-01 | conference review | EU | bioenergy

### **Major ship engine producer invests in biomethane**

The technology group Wärtsilä has reached an agreement to acquire Puregas Solutions, the Sweden-based provider of turnkey biogas upgrading solutions.

2018-08-01 | press release | International | biogas

### **World's largest liquid biomethane plant completed**

The plant in Skogn, Norway built by Biokraft in collaboration with Norske Skog Skogn AS produces at full capacity 25M m3 of biogas per year that will be upgraded and liquified to be used in buses, trucks, vans, and possibly also on rail as fuel.

2018-08-01 | press release | EU | biogas

### **Map of over 500 European biomethane facilities**

The European Biogas Association (EBA) and Gas Infrastructure Europe (GIE) have collaborated on a comprehensive map of all known biomethane installations currently running in Europe.

2018-08-01 | press release | EU | biogas

### **EC approved Italian support scheme for advanced biomethane**

The European Commission has approved an Italian support scheme for the production and distribution of advanced biomethane

2018-08-01 | press release | Italy | biogas

### **Biomethane injection surges in France**

The amount of biomethane injected into French gas networks almost doubled between 2017 and 2016, according to a new overview of France's renewable gas sector.

2018-08-01 | press release | France | biogas

### **One Billion Ton Biomass in 2040 Possible**

The US Department of Energy's Billion-Ton Report: Advancing Domestic Resources for a Thriving Bioeconomy says that 1.2 billion tons of biomass would be available at \$40 or less per ton by 2040,

and 1 billion tons would be available by 2030, for conversion into biofuels.

2018-08-01 | press release | USA | feedstock

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### **Two renewable isobutene derivatives for biofuels**

Bio-isobutene incorporated in the form of ETBE and isooctane is now on the list of biofuels in the French order related to the General Tax on Polluting Activities (TGAP) published in the Journal Officiel 18 July 2018.

2018-08-21 | press release | France | advanced motor fuels

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### **Rapeseed prices spiking**

UFOP Chart of the Week: The ongoing heatwave in the EU-28 is anticipated to lead to a significantly smaller rapeseed harvest than previously expected.

2018-08-01 | press release | EU | feedstock

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### **ACEA Pocket Guide 2018 - 2019**

Each year, ACEA compiles this Automobile Industry Pocket Guide in order to provide you with an extensive overview of one of Europe's key industries.

2018-08-01 | publication | EU | application

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### **EU-28: Biofuels Annual**

The USDA published a report called EU-28: Annual.

2018-08-01 | publication | EU | biofuels

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### **EU-28: Biofuel Mandates in the EU by Member State in 2018**

USDA published a report called EU-28: Biofuel Mandates in the EU by Member State in 2018.

2018-08-01 | publication | EU | biofuels

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### **US fuel ethanol production capacity continues to increase**

Fuel ethanol production capacity in the United States reached more than 16 billion gallons per year, or 1.06 million barrels per day (b/d), at the beginning of 2018, according to EIA's most recent U.S. Fuel Ethanol Plant Production Capacity report.

2018-08-21 | press release | USA | ethanol

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### **Biobased Diesel: Renewable Energy Group's Strategic Intent**

Renewable Energy Group is a leading US provider of cleaner, lower carbon intensity products and services. The company is a major international producer of biomass-based diesel, a developer of renewable chemicals and North America's largest producer of advanced biofuel.

2018-08-21 | publication | USA | renewable energy

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### **~150 million project for blast furnace carbon emissions capture**

ArcelorMittal has begun construction of new premises at its site in Ghent, Belgium, to house a new installation which will convert carbon-containing gas from its blast furnaces into bioethanol.

2018-08-21 | press release | EU | R&D

### **Solar Fuels competitive in the 2030s?**

The industrial synthesis of renewable hydrogen, syngas, methanol and diesel could become competitive with respect to their fossil counterparts within the next two decades. This follows from a techno-economic analysis by researchers from the University of Amsterdam's (UvA) research priority area Sustainable Chemistry and TNO.

2018-08-21 | publication | Netherlands | advanced motor fuels

### **UNIDO promoting ethanol clean cooking in Tanzania**

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.

2018-09-05 | press release | International | ethanol

### **Cancellation of the Renewable Jet Fuel project in Geneva**

As announced at the end of 2017, Geneva Airport aspired to replace 1% of the conventional jet fuel used for aircrafts with renewable jet fuel in a pilot project with Neste. A case for project facilitation funding was made to the Swiss authorities, which after a long period of consultation, decided not to commit to the project.

2018-09-05 | project | Switzerland | synthetic fuels

### **IEA Bioenergy Task 37 two-page summaries**

In spring Task 37 has released a number of short publications on a variety of interesting biogas issues including governance of environmental sustainability, methane emissions from biogas plants, green gas and local applications of biogas.

2018-09-05 | publication | International | biogas

### **Operating performance of a tractor engine of emissions standard EU IV in biodiesel operation**

Agriculture is particularly affected by climate change but is also required to make as much of a contribution to climate protection as possible. Approximately 1.6 million tonnes of diesel fuel is used in agriculture each year.

2018-09-05 | publication | EU | biodiesel

### **Norwegian government closes consultation on a 1% mandate proposal for aviation biofuels**

2018-09-05 | press release | Norway | biofuels

### **R&I perspective of the mid - and long-term Potential for Advanced Biofuels in Europ**

A recent study by DG Energy looked into the future potential role of R&I for advanced biofuels.

2018-09-05 | publication | International | biofuels

## Biobased Future Herbstausgabe

Neuanmeldung und Veröffentlichung eigener Ergebnisse

Im Herbst wird die kommende Ausgabe der Biobased Future veröffentlicht für die die Herausgeber noch Beiträge suchen. Weiters muss man sich für den Erhalt der zukünftigen Ausgaben unter einem AnmeldeLink anmelden.

2018-09-18 | call | Austria | Bioeconomy

## New cars in the EU: diesel -15.5%, petrol +19.8%, electric +43.8%

Diesel's market share fell from 45.2% to 36.3% of total passenger car registrations compared to the same quarter one year ago. In the second quarter of 2018, demand for alternatively-powered vehicles in the European Union grew significantly (+44.3%), mostly driven by hybrid (+49.2%) and battery electric (+45.5%) car sales.

2018-09-18 | press release | EU | Transport Sector

## Further increase in German rapeseed imports in 2017/18

According to information published by the German Federal Statistical Office, Germany saw another rise in rapeseed imports in the 2017/18 marketing year. Imports hit a record high at just under 6 million tonnes.

2018-09-18 | press release | Germany | feedstock

## Biodiesel share increased despite declining diesel consumption

Consumption of road traffic diesel and petrol in the first half year of 2018 was lower than in the 2017 reference period. However, the use of biodiesel and bioethanol saw a significant rise.

2018-09-18 | press release | Germany | biodiesel

## Eco Mobility 2018 - 13th international conference

November 12 - 13, 2018, Vienna

Future Propulsion Systems:

different regions → different strategies → different solutions

2018-10-03 | event note | Austria | alternative powertrains

## biofuels international Conference and Expo

Berlin, 10-11 October 2018

Now in its 11th year, the acclaimed Biofuels International Conference and Expo will be taking place in Germany for the first time.

2018-10-03 | event note | Germany | biofuels

## World's first hydrogen train leaves station in Germany

The world's first hydrogen-powered passenger train service began operating in Germany on Sunday (16 September), while EU ministers debated the future potential of the clean fuel at an informal summit in Austria this week.

2018-10-03 | press release | Germany | hydrogen

## Groundbreaking for a cellulosic ethanol plant in Romania



Clariant officially started construction of the first large-scale commercial sunliquid plant for the production of cellulosic ethanol made from agricultural residues.

2018-10-03 | press release | Romania | ethanol

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### **Different positions over the future of the Aviation**

International airline associations have written a joint open letter to the European Commission urging it to ensure the ICAO proposed rules governing the CORSIA carbon offsetting scheme are adopted uniformly and in their entirety throughout Europe.

2018-10-03 | press release | International | mobility

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### **New passenger car registrations European Union**

Passenger car registrations: +6.1% eight months into 2018; +10.5% in July and +31.2% in August.

2018-10-03 | press release | EU | Transport Sector

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### **IEA Bioenergy Task 39 Newsletter #49**

This issue features two articles on "Biofuels Production and Consumption in Canada: Status, Advances and Challenges" and "British Columbia's Low-carbon Fuels Program", a summary of Task 39's significant achievements in 2016-2018 triennium and recent reports and news articles of interest to biofuels stakeholders.

2018-10-16 | newsletter | International | biofuels

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### **IEA report: Renewables 2018**

According to IEA's "Renewables 2018" report, modern bioenergy is one of the greatest blind spots of our energy system. Nevertheless, it is "the overlooked giant of the renewable energy field", as stated by IEA's Executive Director Dr. Fatih Birol. In fact, modern bioenergy accounts for about 50% of 2017 total renewables consumption and it is expected to maintain the lead.

2018-10-16 | publication | International | renewable energy

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### **Sustainable and circular Bioeconomy Conference**

22 October 2018, Brussels

The conference will focus on the need to have a sustainable and circular bioeconomy to enhance the transition in a changed EU policy context and towards a new environmental, social and economic reality.

2018-10-16 | event note | International | Bioeconomy

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### **The Nobel Prize in Chemistry 2018**

The Royal Swedish Academy of Sciences has decided to award the Nobel Prize in Chemistry 2018 with one half to Frances H. Arnold, California Institute of Technology "for the directed evolution of enzymes" and the other half jointly to George P. Smith University of Missouri, Columbia, USA and Sir Gregory P. Winter MRC Laboratory of Molecular Biology, Cambridge, UK "for the phage display of peptides and antibodies".

2018-10-16 | press release | International | advanced motor fuels

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## **Commercial Flight with Jet Fuel from Waste Carbon Gases**

On October 2, 2018, the world's first commercial flight using LanzaTech's aviation fuel made from recycled waste carbon gases took to the skies.

2018-10-16 | press release | International | Algae

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## **ABLC Global 2018 & IEA Bioenergy Conference 2018**

7th - 9th November, San Francisco, USA

The IEA Bioenergy Conference 2018 will be held on the first day of the three-day ABLC Global 2018, which takes place in San Francisco on the 7-9 November 2018.

2018-10-16 | event note | USA | bioenergy

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## **EU Parliament CO2 targets - auto industry voices concerns**

The European Automobile Manufacturers' Association (ACEA) has voiced its concerns about the European Parliament's plenary vote on future CO2 reduction targets for cars and vans.

2018-10-16 | press release | EU | emissions

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## **German biodiesel exports hit record high**

In the first half year of 2018, German biodiesel exports climbed considerably. Demand from the US, but also from Sweden and Austria, increased sharply.

2018-10-16 | press release | Germany | biodiesel

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## **India Biofuels Annual 2018**

On June 4, 2018, the Indian government released the document National Policy on Biofuels 2018, which proposed blend targets of E20 and B5 be met by 2030.

2018-10-16 | publication | India | biofuels

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## **Neste and Air BP support sustainable aviation fuel development**

Neste and Air BP, an international fuel products and services supplier, have entered into an agreement to explore opportunities to increase the supply and availability of sustainable aviation fuel for airline customers.

2018-10-16 | press release | International | markets

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## **US: All-Electric Vehicles - 53% of Plug-In Vehicle Sales**

Cumulative sales of plug-in vehicles through July 2018 in the United States of America show that more than half (53%) are all-electric vehicles (EV).

2018-10-16 | press release | USA | alternative powertrains

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## **New passenger cars registration down by 23.5% in September**

In September 2018, registrations of new passenger cars in the European Union fell by 23.5%.

2018-11-07 | press release | EU | Transport Sector

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## **Biodiesel 2016/2017 Report - Progress and Prospects**

The report provides information on important aspects of the national and European biofuel policy and the biodiesel markets.

2018-11-07 | publication | EU | biodiesel

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### **Construction of the first kernel fiber-to-ethanol plant started**

D3MAX and Ace Ethanol announced they have started construction of the first D3MAX facility at Ace Ethanol's facility in Stanley, Wisconsin.

2018-11-07 | press release | USA | conversion technologies

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### **Norway's government introduces 0.5% blending mandate for aviation biofuels from 2020**

The Norwegian Ministry of Climate and Environment has announced a requirement for a minimum requirement of 0.5% content of advanced biofuel be mixed with jet fuel sold from 2020.

2018-11-07 | legislation | Norway | application

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### **Newsletter IEA Bioenergy Task 37: 09/2018**

Improvement of gas engines for vehicles and ships

IEA Bioenergy Task 37 published a recent newsletter in October 2018 dealing with articles on the improvement of gas engines for vehicles and ships.

2018-11-07 | newsletter | International | biogas

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### **European Environment Agency: Air pollution still to high in Europe**

Road transport is one of Europe's main sources of air pollution, especially of harmful pollutants such as nitrogen dioxide and particulate matter, according to the EEA's "Air quality in Europe 2018 report".

2018-11-07 | publication | EU | emissions

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### **Increase in EU greenhouse gas emissions hampers progress towards 2030 targets**

Preliminary estimates published in the European Environment Agency's (EEA) annual "trends and projections" assessments show a 0.6% emissions increase in 2017 from 2016.

2018-11-07 | press release | EU | emissions

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### **Plans for Large-Scale Renewable Diesel Facility in the US**

Phillips 66 and Renewable Energy Group, Inc. (REG) announced that planning is underway for the construction of a large-scale renewable diesel plant on the U.S. West Coast.

2018-11-07 | press release | USA | biofuels

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### **UFOP publishes special report "Biodiesel 2017/2018"**

With the special report "Biodiesel 2017/2018", the Union for the Promotion of Oil and Protein Plants (UFOP) annually summarizes the most important chapters from its annual report on biodiesel.

2018-11-29 | publication | Germany | biodiesel

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## Renewables 2018: IEA analysis and forecast to 2023

Global renewable energy consumption increased more than 5% in 2017 – three times faster than total final energy consumption.

2018-11-29 | press release | International | renewable energy

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## IEA Bioenergy Task 37 Country report summaries 2017

Task 37 on biogas has published the new 2017 Country Report Summary for 15 member countries.

2018-11-29 | publication | International | biogas

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## IPCC Special Report on Global Warming of 1.5°C approved by governments

Limiting global warming to 1.5°C would require rapid, far-reaching and unprecedented changes in all aspects of society, the IPCC said in a new assessment.

2018-11-29 | publication | International | emissions

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## Beitrag europäischer Biokraftstoffe zu mehr Klimaschutz im Verkehr gesichert

BDBe: Potenzial von Bioethanol ausschöpfen

Der Bundesverband der deutschen Bioethanolwirtschaft (BDBe) begrüßt, dass sich nach fast zweijähriger Verhandlungsdauer mit der heutigen Abstimmung des Europäischen Parlaments über die neue Erneuerbare-Energien-Richtlinie eine Perspektive für die Hersteller zertifizierter nachhaltiger Biokraftstoffe bietet.

2018-11-29 | press release | EU | ethanol

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## BASF produces EU-REDcert-methanol

BASF has started production of methanol according to the biomass balance approach; the product name is EU-REDcert-methanol.

2018-11-29 | press release | EU | certification

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## European Parliament: ambitious targets on renewables and energy efficiency

Parliament confirmed the provisional agreement reached with the Council in June on energy efficiency, renewables and governance of the Energy Union - three important legislative files that are part of the Clean Energy for All Europeans package.

2018-11-29 | press release | EU | renewable energy

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## International Conference on Renewable Mobility "Fuels of the Future 2019"

The programme for the 16th International Conference on Renewable Mobility "Fuels of the Future" is now online [www.kraftstoffe-der-zukunft.com](http://www.kraftstoffe-der-zukunft.com). The organizers cordially invite to attend the conference on 21st and 22nd January 2019 in Berlin.

2018-11-29 | event note | Germany | advanced motor fuels

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## Transformations needed to achieve the UN Sustainable Development Goals

The World in 2050 (TWI2050) is a global multi-year, multi-stakeholder, interdisciplinary research

initiative designed to provide a science-based, integrative approach to address all 17 SDGs. The new report brings together the work of more than 60 authors from 20 organizations.

2018-11-29 | publication | International | energy supply

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### **REWOFUEL: Residual soft wood conversion to drop-in biofuels**

The aim of the EU-funded project REWOFUEL is to demonstrate the performance, reliability, environmental and socio-economic sustainability of the value chain for the transformation of residual wood to Bio-Isobutene (bio-IBN) by fermentation and its further conversion into biofuels.

2018-11-29 | project | EU | synthetic fuels

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### **EEA report: electric cars better for climate and air**

The EEA report "Electric vehicles from life cycle and circular economy perspectives" reviews current evidence on electric cars' impacts on climate change, air quality, noise and ecosystems, compared with conventional cars.

2018-11-29 | publication | EU | electromobility

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### **Modern diesel cars pollutant emissions on the road**

New data released by the European Automobile Manufacturers' Association (ACEA) provides evidence that latest-generation diesel cars emit low pollutant emissions on the road. This data was measured in real-driving conditions by the drivers of the various national type approval authorities.

2018-11-29 | press release | International | emissions

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### **ACEA Report: Vehicles in use - Europe 2018**

The 2018 edition of ACEA's "Vehicles in use" report provides an overview of the European motor vehicle fleet. The report also provides interesting statistics per vehicle segment for each country.

2018-11-29 | publication | International | Transport Sector

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### **Newsletter IEA Bioenergy Task 37: 11/2018**

The recent Newsletter of IEA Bioenergy Task 37 has been released in November 2018.

2018-11-29 | newsletter | International | biogas

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### **Biomass Production in Sustainably Managed Landscapes**

Free IEA Bioenergy Webinar, 13th Dec

IEA Bioenergy invites to participate in an international webinar entitled, "Biomass Production in Sustainably Managed Landscapes" presented by Oskar Englund and Uffe Jørgensen.

2018-12-11 | event note | International | feedstock

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### **EU Commission begins anti-subsidy process against Indonesia**

UFOP demands the expedited introduction of preliminary counter measures' customs duties on biodiesel imports should not be circumvented via palm oil imports.

2018-12-11 | press release | EU | feedstock

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## **California Had the Most Plug-in Vehicle Registrations per 1,000 People in 2017**

California had 8.64 plug-in vehicle (PEV) registrations per 1,000 people in 2017, followed by Hawaii with 5.12, and Washington state with 4.06.

2018-12-11 | press release | USA | electromobility

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## **How Poverty Is Causing Deforestation Across Africa**

Deforestation is directly being caused by activities such as illegal logging, agricultural development, mining and infrastructure projects – but Poverty is one of the most significant indirect reasons causing deforestation across Africa – and it is increasing.

2018-12-11 | press release | Africa | feedstock

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## **Algae Testbed Experiment Yields Data Useful for Future Projects**

A unique experiment that explored how well algae grows in specific regions of the United States yielded data that could prove useful as the industry moves forward, according to research from the U.S. Department of Energy's (DOE's) National Renewable Energy Laboratory (NREL) and Arizona State University (ASU).

2018-12-11 | project | USA | Algae

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## **Reducing US coal emissions through biomass and carbon capture**

A new study, led by Piera Patrizio, a researcher in the IIASA Ecosystems Services and Management Program, has modeled the numbers associated with the impacts of cutting coal plants while at the same time employing techniques for BECCS.

2018-12-11 | publication | USA | emissions

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## **2nd EU-India conference on Advanced Bio Fuels**

12th -14th Mar, 2019 at New Delhi, India

The 2nd bilateral EU-India Conference on Advanced Biofuels will be held at New Delhi, India during 11th – 14th March, 2019.

2018-12-11 | event note | India | biofuels

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## **Global Bioenergies: Letters of intent for purchases**

Global Bioenergies announced signature of thirteen letters of intent from French and international industrial leaders for purchases totalling 49 ,000to 64,000 tons of isobutene and Derivatives annually. This covers the total production capacity of the planned IBN-One plant.

2018-12-11 | press release | International | markets

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## **Heathrow offers landing charge incentive to first electric-powered commercial flight**

As part of efforts to encourage airlines to invest in electric technology and speed up the arrival of zero-emissions flights, Heathrow Airport has announced it will offer free landing charges for a year to the first electric or electric-hybrid commercial flight into the airport and then entering regular service. Heathrow estimates at current price levels, the prize would be worth nearly Â£1 million (\$1.3m) to the operator.

2018-12-11 | press release | UK | electromobility

### **Setting European aviation on a pathway to decarbonisation by 2050**

A new study, one of the first, examines whether a credible pathway to zero or near zero emissions exists for European aviation.

2018-12-11 | press release | EU | mobility

### **A Clean Planet for all A European strategic long-term vision for a prosperous, modern, competitive and climate neutral economy**

COM(2018) 773 final

The EU has already started the modernization and transformation towards a climate neutral economy and will continue to lead global efforts. In order to respond to the recent IPCC report and contribute to stabilizing the climate in this century, the EU should by 2050 be among the first to achieve net-zero greenhouse gas emissions and lead the way worldwide. To do so, the EU needs to step up its efforts.

2018-12-11 | publication | EU | Bioeconomy

### **Rising energy consumption slows EU progress on renewables and energy efficiency targets**

Progress on increasing the use of renewable energy and improving energy efficiency is slowing across the European Union, putting at risk the EU's ability to achieve its energy and emissions reduction targets.

2018-12-11 | press release | EU | energy supply

### **G20 Countries Must Act Quickly to Decarbonise The Transport Sector**

According to a new report, CO2 emissions from transport are still rising. If immediate action is not taken, more radical measures will be unavoidable in the future.

2018-12-11 | publication | International | sustainability

### **Biodiesel leads UK in biofuels that meet sustainability criteria**

The U.K. Department for Transport has published preliminary data on its Renewable Transport Fuel Obligation for a portion of 2018. Of the biofuel that has met sustainability criteria, 59 percent was biodiesel, followed by 38 percent ethanol.

2018-12-11 | press release | UK | biodiesel

### **Bioenergy Retrofits for Europe's Industry**

EU-funded BIOFIT project will facilitate bioenergy production by retrofitting Europe's industries.

2018-12-19 | project | EU | conversion technologies

### **IEA Bioenergy Task 39 Newsletter #50 released**

The latest Newsletter #50 from IEA Bioenergy Task 39 can be found on the Task Website.

2018-12-19 | newsletter | International | biofuels

### **Strategic Research and Innovation Agenda 2018**

## ETIP Bioenergy update

RED II adoption and SET Plan implementation are big steps forward for the deployment of sustainable bioenergy, a fundamental tool to mitigate climate change. Time to act is now.

2018-12-19 | press release | EU | bioenergy

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## Decarbonisation of road transport with LNG

BioLNG EuroNet announced a commitment to the further expansion of LNG (liquefied natural gas) as a road transport fuel across Europe.

2018-12-19 | press release | EU | SNG

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## China set to triple its ethanol production capacity

China is set to more than triple its ethanol production capacity by 2020, a government researcher said, with demand for the commodity expected to surge as the country shifts toward cleaner fuels.

2018-12-19 | press release | China | ethanol

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## EIB invests EUR 40 million for EV charging

The European Investment Bank has agreed to provide EUR 40 million as quasi equity in growth financing to Allego Holding, a Dutch operator of charging stations for electric vehicles.

2018-12-19 | press release | EU | electromobility

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## Neste invest in renewable products in Singapore

Neste Corporation has made the final investment decision on additional renewable products production capacity in Singapore.

2018-12-19 | press release | International | material use of biomass

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## Changes in marine fuel sulfur limits will affect global oil markets

International regulations limiting sulfur in fuels for ocean-going vessels, set to take effect in January 2020, have implications for vessel operators, refiners, and markets.

2018-12-19 | press release | International | emissions

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## A Report on the State of the Low Carbon Bioeconomy

A landmark new multi-country report states that the world's greenhouse gas reduction goals cannot be met without greater use of biofuels.

2018-12-19 | publication | International | Bioeconomy

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## European auto industry reacts to CO2 targets

The European Automobile Manufacturers' Association (ACEA) takes note of the final deal on the CO2 regulation for cars and vans, setting targets for the years 2025 and 2030, which was struck by the EU member states and the European Parliament today.

2018-12-19 | press release | EU | emissions

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## EEA: More ambition to reach renewable energy goals needed

The share of renewable energy sources in the European Union's (EU) energy use has doubled since 2005 but this growth has been slowing down in recent years, especially due to increasing energy consumption and lack of progress in the transport sector.

2018-12-19 | press release | International | renewable energy

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### **IEA AMF Newsletter 3-2018 released**

The latest IEA AMF Newsletter 3-2018 is online.

2018-12-19 | newsletter | International | advanced motor fuels

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### **Newsletter IEA Bioenergy Task 37: 12/2018**

The latest IEA Bioenergy Task 37 Newsletter has been released.

2018-12-19 | newsletter | International | biogas

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### **New study on benefits of biochar**

Biochar is a charcoal-like material that research has demonstrated can be beneficial in the agricultural sector.

2019-01-09 | publication | International | application

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### **Corn ethanol: study shows minimal effect on cropland use in the US**

A new study co-authored by a University of Illinois researcher shows that the overall effects of ethanol production on land-use have been minimal.

2019-01-09 | publication | USA | ethanol

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### **France: Increased Biofuel Mandates**

Global Bioenergies welcomes the French deputies' vote for the country's 2019 finance bill, which stipulates an increase in the minimum amount of biofuels to be incorporated into motor vehicle fuel.

2019-01-09 | press release | France | markets

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### **Renewable Energy Directive - RED II: DIRECTIVE (EU) 2018/2001**

The final version of the Directive on the promotion of the use of energy from renewable sources (RED II) was published in the Official Journal of the European Union.

2019-01-09 | publication | EU | renewable energy

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### **Webinar IEA Renewables 2018 market report**

Thursday, 17 January 2019 15:00-16:00 CET / 9:00-10:00 EST

Renewables 2018 provides detailed renewable energy analysis and forecasts (2018-23) for the electricity, heat and transport sectors. Modern bioenergy accounts for half of global renewable energy consumption yet its role in decarbonising the global energy system is not widely recognised. For this reason Renewables 2018 includes a special focus on bioenergy.

2019-01-09 | event note | International | bioenergy

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### **IEA Bioenergy Newsletter for December 2018 now available**

IEA Bioenergy News is the newsletter of IEA Bioenergy. This issue covers the ExCo82 meeting in San



Francisco, USA in November 2018.

2019-01-22 | newsletter | International | bioenergy

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### **January 2019 PyNe43 Newsletter available**

The recent IEA Bioenergy Task 34 Direct Thermochemical Liquefaction Newsletter is online available.

2019-01-24 | newsletter | International | bioenergy

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### **Task 37 list 2017 of biogas upgrading plants worldwide**

The list provides the latest data on biogas upgrading plants, separated in Task 37 member and non-member countries.

2019-01-22 | publication | International | biogas

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### **Sustainable aviation fuel is used in the Netherlands**

Starting per January 14th, the Royal Netherlands Air Force operates her flights from Leeuwarden Airbase on sustainable aviation fuel (SAF).

2019-01-22 | press release | Netherlands | advanced motor fuels

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### **2nd edition of brochure "Good Reasons for Biofuels"**

On the occasion of the new edition of the brochure "Good Reasons for Biofuels", the Union for the Promotion of Oil and Protein Plants (UFOP) determines that the importance of biofuels as a tool for decarbonising the transport sector is increasing worldwide.

2019-01-22 | publication | Germany | biofuels

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### **Perception and Positions of Stakeholders towards Bioenergy**

Free IEA Bioenergy Webinar, 5th February

IEA Bioenergy invites to participate in an international webinar entitled, "Perception and Positions of Stakeholders Towards Bioenergy" • presented by Thuy Mai-Moulin and Uwe Fritsche, and moderated by Prof. Dr. Martin Junginger.

2019-01-22 | event note | International | bioenergy

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### **26% of 16-year-olds were Licensed Drivers in 2016**

The share of 16-year-olds in the US that held driver licenses in 2016 was 26.2%, down from 44.0% in 1990.

2019-01-22 | press release | USA | Transport Sector

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### **European Aviation Environmental Report 2019**

The European Aviation Environmental Report 2019, published jointly by EASA, the EEA and EUROCONTROL, provides an updated assessment of the environmental performance of the aviation sector in Europe.

2019-02-13 | publication | EU | Transport Sector

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### **Gasification of waste for energy carriers – a review**

This report of IEA Bioenergy Task 33 presents an overview of the use of waste gasification

technologies, both in terms of regulatory aspects and technical applications.

2019-02-13 | publication | International | conversion technologies

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### **G  sser Brewery: The Role of Biogas in greening the Brewing Industry**

This IEA Bioenergy Task 37 case story describes an integrated solution to decarbonisation of alcohol production with 40% renewable heat sourced from wood and solar and the remaining 60% from biogas produced from by-products, residues and wastewater.

2019-02-13 | publication | International | biogas

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### **Porsche doubles Taycan production to 40,000 a year**

Luxury carmaker Porsche has confirmed it will be doubling production of its all-electric sports car â?? before it has even begun production of the prestige EV â?? from the previously planned 20,000 units to 40,000 units.

2019-02-13 | press release | Germany | electromobility

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### **CropBooster-Project: Increasing Yield for Food and Bioeconomy**

Improved crops can double European agriculture production, increasing global crop productivity will be central in meeting some of the greatest challenges facing mankind: How will we sustainably feed 9.7 billion people by 2050, while also achieving the transition from a fossil economy towards a bio-economy?

2019-02-13 | project | International | feedstock

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### **MEPs set ambitious targets for cleaner energy**

The European Parliament endorsed committee proposals for binding EU-level targets of an 35% improvement in energy efficiency, a minimum 35% share of energy from renewable sources in gross final consumption of energy, and a 12% share of energy from renewable sources in transport, by 2030.

2019-02-13 | press release | EU | energy supply

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### **Effects of Ethanol Plant Proximity and Crop Prices on LUC in the US**

Expansion of ethanol production in the US has raised concerns regarding its land-use change effects. The study aims to examine the determinants of changes in corn acreage and aggregate crop acreage by identifying the effects of establishment of ethanol plants and the effects of changes in crop prices between 2003 and 2014.

2019-02-13 | publication | USA | ethanol

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### **First production of isobutene from wheat straw at demo scale**

Global Bioenergies announce on 6 February 2019 that runs using wheat straw hydrolysate provided by its partner Clariant were successfully performed in its Leuna demo plant, leading to the production of cellulosic isobutene for the first time at this scale.

2019-02-13 | project | EU | conversion technologies

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### **EUROSTAT: Energy consumption in the EU increased in 2017**

The gap to energy efficiency target for 2020 continued to widen: in 2017, energy consumption in the

European Union continued to increase for the third consecutive year, thus moving away from the energy efficiency targets.

2019-02-13 | press release | EU | energy supply

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### **Modeling Shows Forest Management Can Produce Biofuels**

Scientists at Pacific Northwest National Laboratory (PNNL), Oak Ridge National Laboratory (ORNL), and the U.S. Forest Service (USFS) have assessed the impacts of thinning forests on habitats, including benefits to the environment and the economy.

2019-02-13 | publication | USA | biofuels

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### **Toronto to develop RNG facility**

The city of Toronto has announced plans to produce renewable natural gas (RNG) at its Dufferin Solid Waste Management Facility.

2019-03-13 | press release | Canada | conversion technologies

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### **British Columbia city converts organic waste into biomethane**

In British Columbia, Surrey's biofuel facility officially opened in spring after several years of planning. The \$68 million facility is the first fully integrated closed-loop organic waste management system in North America.

2019-03-13 | press release | USA | conversion technologies

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### **Stable U.S. biofuels production, consumption, and trade through 2020**

In its February 2019 Short-Term Energy Outlook (STEO), EIA forecasts that several recent trends in U.S. biofuels markets will continue through 2020.

2019-03-13 | press release | USA | biofuels

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### **Light-Duty Vehicles Accounted for the Majority of Transportation Energy Consumption**

In 2016, light-duty vehicles accounted for 58.5% of transportation energy use while medium/heavy-duty trucks and buses accounted for 23.9%.

2019-03-13 | press release | USA | Transport Sector

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### **Isobutene from wheat straw at demo scale**

Global Bioenergies announces on 6 February that runs using wheat straw hydrolysate provided by its partner Clariant were successfully performed in its Leuna demo plant, leading to the production of cellulosic isobutene for the first time at this scale.

2019-03-13 | press release | EU | conversion technologies

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### **US Federal agencies release framework for advancing the bioeconomy**

The federal Biomass Research and Development (BR&D) Board unveiled a multi-agency strategy March 5 to accelerate innovative technologies that harness the nation's biomass resources for affordable biofuels, bioproducts, and biopower.

2019-03-13 | press release | USA | Bioeconomy

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## BioÖkonomie - Eine Strategie für Österreich

Die vorliegende BioÖkonomiestrategie gibt Orientierung für alle bioökonomierelevanten Handlungsfelder bis 2030. Aufbauend darauf wird Anfang 2019 mit der Erstellung eines Aktionsplans für BioÖkonomie begonnen, der sich an alle relevanten Akteurinnen und Akteure in diesem Bereich richtet. Die besondere Herausforderung ist, unter Berücksichtigung bestehender Programme sowie Beteiligung aller relevanten Stakeholder, die Implementierung der in der BioÖkonomiestrategie identifizierten Themen schnellstmöglich voranzutreiben.

2019-04-09 | press release | Austria | Bioeconomy

## Commercial vehicle registrations: +5.7% first two months of 2019

In February 2019, the EU market for commercial vehicles continued to grow (+4.7%). Registrations increased from 173,492 to 181,636 units, with growth being sustained across all commercial vehicle segments.

2019-04-09 | press release | EU | Transport Sector

## Delegated Regulation for high ILUC risk feedstock

Delegated

Regulation for high ILUC risk feedstock is

a step forward for a

sustainable biofuels industry and an opportunity to improve European farming capacities and rural jobs

2019-04-09 | press release | EU | biofuels

## Bioenergy Europe Statistical Report 2018

Since its debut in 2007, Bioenergy Europe's Statistical Report has provided an in-depth overview of the bioenergy sector across EU-28.

2019-04-09 | publication | EU | bioenergy

## Allianz für grüne Kraftstoffe

Klimaziele im Verkehr sind nur mit CO<sub>2</sub>-armen Kraftstoffen zu erreichen - Gemeinsame Erklärung von BDB, DVFG, MEW, MVaK, MWV, UFOP, UNITI und VDB

2019-04-09 | press release | Germany | biofuels

## First term of the OPTISOCHM European project

Global Bioenergies (Euronext Growth: ALGBE) has announced having received a payment of €2.2 million for the OPTISOCHM project supported by the Bio-Based Industries Joint Undertaking (BBI-JU) the public-private sector partnership between the European Union and the Bio-Based Industries Consortium (BIC) under the European Horizon 2020 programme.

2019-04-24 | press release | EU | material use of biomass

## Neste and Air BP ready to deliver sustainable aviation fuel to Sweden

Neste, the world's leading renewable products producer from wastes and residues, and Air BP, the international aviation fuel products and services supplier, have entered into an agreement to deliver sustainable aviation fuel to airline and airport customers in Sweden in 2019.

2019-04-24 | press release | Sweden | synthetic fuels

### **Passenger car registrations: -3.3% first quarter of 2019; -3.9% in March**

In March 2019, the European passenger car market contracted by 3.9%, falling from 1,792,880 units the year before to 1,722,442 last month.

2019-04-24 | press release | EU | Transport Sector

### **The Contribution of Advanced Renewable Transport Fuels to the Decarbonisation of Transport in 2030 and beyond**

Workshop, 18th November 2019, Brussels

The answer to the question "Just how large can and must the contribution of advanced renewable transport fuels be?" will be presented in a workshop to be held in Brussels, Belgium, 18th November 2019.

2019-07-16 | event note | International | advanced motor fuels

### **IEA Bioenergy Task 39 Newsletter #51**

Biofuels Production and Consumption in Brazil: Status, Advances and Challenges

This "seasonal" issue features a lead article by Glaucia Mendes Souza, Brazil's lead representative to the Task, and her colleagues on "Biofuels Production and Consumption in Brazil: Status, Advances and Challenges".

2019-06-03 | newsletter | International | biofuels

### **IEA Bioenergy Annual Report 2018**

The IEA Bioenergy Annual Report 2018 includes a special feature article "Measuring, governing and gaining support for sustainable bioenergy supply chains" lessons and messages from a three-year Inter-Task prepared by the Inter-Task team, which was led by Task 40.

2019-06-03 | publication | International | bioenergy

### **India to build 5,000 biogas plants by 2023**

India's minister of Petroleum and Natural Gas, Dharmendra Pradhan, announced that an estimated 5,000 compressed biogas (CBG) plants were to be built across the country by 2023. The plants, extracting biogas from agricultural residue, cattle dung and municipal solid waste, will have an approximated annual capacity of 15 million tons.

2019-06-03 | press release | India | biogas

### **IEA Bioenergy Task 33 Workshop "Gas cleaning, experiences, new developments, analytics and diagnostics"**

06.-07. June 2019, Karlsruhe, Germany

The goal of the workshop is to share new knowledge and ideas about improvements for gas cleaning and the new developments in gas analytics.

2019-06-03 | event note | Germany | conversion technologies

### **Greening the Gas Grid in Denmark**

Denmark is the country in Europe with the highest share of green (decarbonized) gas in the gas grid

and could be the first European country to become independent of fossil natural gas by satisfying all of gas consumption through green gas produced from food waste, industrial organic waste and agricultural by-products.

2019-07-16 | press release | Denmark | biogas

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### **ENRICH in Brazil: Matchmaking & Innovation Tour to Brazil**

23-27 September 2019

In September 2019, ENRICH in Brazil is organising a "Matchmaking & Innovation Tour to Brazil" (23-27 September 2019), considered as an unique networking opportunity for European organizations operating in the area of Bioeconomy, Renewable Energies and technologies applied to these sectors.

2019-07-16 | event note | Brazil | renewable energy

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### **Eco-Mobility 2019 - 14th international A3PS Conference**

14-15 November 2019, Vienna

Eco-Mobility 2019 will discuss the impacts of different propulsion system solutions and provide in-depth information on latest developments and innovative strategies. Leading representatives from industry, R&D and technology policy will report on the activities and strategies for the successful development and market introduction of advanced propulsion systems and fuels.

2019-07-16 | event note | Austria | electromobility

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### **BIOFIT Industry Forum**

11th September 2019, Leipzig, Germany

The registration for the BIOFIT Industry Forum on the 11th of September 2019 in Leipzig is now open and the program is online.

2019-08-22 | event note | EU | biorefinery

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### **Innovation Fund Workshop**

12th September 2019, Brussels

ETIP Bioenergy, in collaboration with the ART Fuels Forum, ETIP Renewable Heating and Cooling and Bioenergy Europe, is organizing the Innovation Fund Stakeholder Workshop on Renewable Fuels and Bioenergy on the 12th of September 2019 in Brussels.

2019-08-22 | event note | EU | bioenergy

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### **Renewables 2018**

Markt analysis and forecast from 2018 to 2023

Modern bioenergy leads the growth of all renewables to 2023, according to latest IEA market forecast.

2019-08-22 | publication | International | renewable energy

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### **The Future of Hydrogen**

Seizing today's opportunities

International action can scale up hydrogen to make it a key part of a clean and secure energy future, according to new IEA report

2019-08-22 | publication | International | hydrogen

### **IEA Bioenergy Task 39 Newsletter #52 online**

The latest newsletter #52 from the IEA Bioenergy Task 39 on Transport Fuels is available at the website.

2019-08-22 | newsletter | International | biofuels

### **AMF Annex 58: Transport Decarbonisation Workshop**

The Contribution of Advanced Renewable Transport Fuels to the Decarbonisation of Transport in 2030 and beyond

A workshop on "The Contribution of Advanced Renewable Transport Fuels to the Decarbonisation of Transport in 2030 and beyond" will be held on 18th of November in Brussels.

2019-10-09 | event note | International | mobility

### **Latest AMFI Newsletter**

IEA AMF Advanced Motor Fuels

The latest AMFI Newsletter from the IEA Technology Collaboration Programme on Advanced Motor Fuels has been published.

2019-10-09 | newsletter | International | alternative powertrains

### **Clariant successfully concludes testing of energy crop miscanthus at Straubing plant for GRACE project**

Clariant announced today that it has conducted tests on approximately 30 tons of miscanthus provided by INA, Croatia's leading oil and gas company. The miscanthus biomass was harvested and baled at the INA demonstration site in Croatia in February this year and shipped for processing to Clariant's pre-commercial sunliquid plant in Straubing, Germany for conversion into lignocellulosic sugars and ethanol.

2019-10-11 | project | International | conversion technologies

### **First production of isobutene from wheat straw at demo scale**

Sugars from wheat straw have been produced with Clariant's sunliquid® technology at its pre-commercial facility in Straubing, Germany, which have been shipped to Global Bioenergies' demonstration plant in Leuna, Germany.

2019-10-11 | project | International | conversion technologies

### **Drop-In Biofuels: The Key Role that Co-Processing will Play in their Production**

IEA Bioenergy Webinar - Presentation online

The presentation and recording of the IEA Bioenergy Webinar Drop-In Biofuels: The Key Role that Co-Processing will Play in their Production can be seen online.

2019-10-11 | conference proceedings | International | biofuels

### **Top European Specialists on Renewable Gases join Forces in R2Gas**

In July 2019 the CEOs of some of the top specialized SMEs on renewable gases in Europe decided to



join forces in a new association called R2Gas (Research Centre for renewable gases) to further develop the production technology of renewable and sustainable gases as one of the energetic pillars of future energy production.

2019-10-11 | press release | EU | biogas

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### **The potential of Hydrothermal Liquefaction (HTL) Routes for Biofuels Production**

BEsustainable Magazine Autumn 2019

News, information and resources on biomass, bioenergy and bioeconomy with focus on Hydrothermal Liquefaction.

2019-10-11 | newsletter | International | conversion technologies

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### **New study compares potential of different decarbonisation options in road transport**

Sustainable fuels could play an important role in reducing transport emissions even as electric vehicles become cheaper says a new study from VTT and the University of Cambridge Judge Business School.

2019-10-11 | publication | International | Transport Sector

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### **Top Ten Blendstocks For Turbocharged Gasoline Engines**

Bio-blendstocks With Potential to Deliver the for Highest Engine Efficiency

Gaspar, Daniel. 2019. Top Ten Blendstocks For Turbocharged Gasoline Engines: Bio-blendstocks With Potential to Deliver the for Highest Engine Efficiency. PNNL-28713, Pacific Northwest National Laboratory.

2019-10-11 | publication | International | biofuels

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### **Contribution of Advanced Renewable Transport Fuels to the Decarbonisation of Transport in 2030 and beyond**

Just how large can and must the contribution of advanced renewable transport fuels be? - This question was answered in the final project workshop on Transport Decarbonisation in November 2019 in Brussels.

2020-02-18 | conference proceedings | International | sustainability

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### **Potential of HTL routes for biofuel production**

The first joined Expert Workshop took place on the 19th November 2019 in Brussels. Almost 100 participants attended, making the workshop very successful. A number of industry speakers, as well as research speakers have given presentations.

2019-12-17 | conference proceedings | International | conversion technologies

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### **ETIP Bioenergy Stakeholder Plenary Meeting and ADVANCEFUEL Workshop**

The 9th Stakeholder Plenary Meeting of the European Technology and Innovation Platform Bioenergy (ETIP Bioenergy) confirmed the many opportunities already available today to use sustainable biomass for supporting the clean energy transition in Europe.

2019-12-17 | conference proceedings | EU | bioenergy

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## IEA Bioenergy Task 39 Newsletter #53

The latest Newsletter (#53) from IEA Bioenergy Task 39 is online on their Website.

2019-12-17 | newsletter | International | biofuels

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## Innovation Fund

On 5-6 February 2020, a group of technical experts selected by the members of the Innovation Fund Expert Group (IFEG) met to discuss potential methodologies to estimate GHG emissions avoidance and relevant costs of innovative projects eligible for funding under the Innovation Fund, in the preparation for the first call for proposals expected for June 2020.

2020-02-18 | conference review | EU | R&D

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## Eco-Mobility 2020

The 15th International A3PS Conference -

Eco-Mobility 2020 is going to take place on 12 and 13 November 2020 in Vienna, Austria.

2020-02-18 | event note | Austria | alternative powertrains

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## Renewable Fuels Are Crucial

International Conference on Renewable Mobility Discusses the "Green Deal" and Defossilisation of the Transport Sector.

2020-02-18 | conference review | Germany | advanced motor fuels

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## Advanced Biofuels - Potential for Cost Reduction

IEA Bioenergy - New Publication

IEA Bioenergy has published a new report on the potential for advanced biofuels cost reduction carried out under Task 41 with contributions from Germany, Netherlands and Sweden. The report "Advanced Biofuels - Potential for Cost Reduction" confirms that there is a gap between the cost of the advanced biofuels and current fuel prices.

2020-04-01 | publication | International | synthetic fuels

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## Bioenergy Retrofits for Europe's Industry Handbook published

BIOFIT ([www.biofit-h2020.eu](http://www.biofit-h2020.eu)) is an EU project that aims to facilitate the introduction of bioenergy retrofitting in Europe's industry. The consortium experts have now published a handbook that shows why and how to retrofit.

2020-04-01 | publication | International | conversion technologies

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## 17th International Conference on Renewable Mobility

More than 600 participants from 25 countries attended the conference and took part in the presentations and discussions regarding possible options for a more sustainable future mobility serving under the goals of the Paris Agreement and the obligations of the REDII.

2020-04-01 | conference review | International | renewable energy

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## Bio-Based Chemicals: A 2020 Update

A new report and a webinar from IEA Bioenergy Task 42 "Biorefining in a Circular Economy"

Since the first issue of the IEA Bioenergy Task 42 report on bio-based chemicals in 2011, the importance of a circular economy has become evident. In the transition to a circular economy, chemicals and materials produced from biomass will play a key role. This update of the 2011 report addresses the main biobased chemicals that could potentially be co-produced with secondary energy carriers in integrated biorefinery facilities.

2020-04-01 | publication | International | Bioeconomy

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