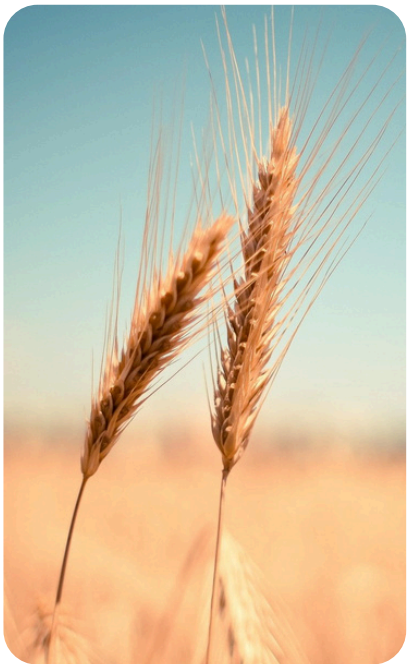
NEWS REVIEW

September 2025

Biofuels

Each month we review the latest news and select key announcements and commentary from across the biofuels sector.

Announcements & Commentary



Research & Development

Providing clients with a strategic view of feedstock, technology, policy and marketing opportunity across the bioeconomy.

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FOREWORD

Welcome readers, to this month's Biofuels News Review.

The aviation sector continues to chart its course toward a lower-carbon future, with a string of milestones underscoring how sustainable aviation fuel (SAF) is moving from ambition to scale.

In Vietnam, Vietjet has partnered with Petrolimex Aviation to introduce the country's first domestically blended SAF, supplying 1,200 cubic meters for commercial flights and achieving up to an 80% reduction in lifecycle emissions compared to traditional jet fuel. This SAF will be produced using used cooking oil, agricultural by-products, wood biomass, and urban waste, with Petrolimex Aviation securing a Proof of Sustainability (PoS) certification in alignment with ISCC EU standard. Vietjet is the first Vietnamese airline to publish an ESG sustainability report underscoring its commitment to integrating clean fuels across its expanding fleet.

In Europe, technical milestones are being converted into operational milestones. Airbus and Air France recently completed the inaugural SAF-powered ferry flight of an A220 aircraft from Mirabel, Canada, to Paris. The flight, dubbed "VAISON-LA-ROMAINE", has secured PoS credits for a 50% SAF blend applied through the mass balance process. This achievement builds on Airbus's broader efforts to incorporate SAF into production and delivery operations, projecting a cut of 440 tonnes of CO_2 at its Mirabel site this year by utilising around 170,000 litres of pure SAF. Beyond the symbolic importance of the flight itself, the achievement shows how established players are actively trying to incorporate SAF into the fabric of fleet operations.

On the production front, technology providers are unveiling scaled-up capabilities that will be critical if this demand is to be sustained. France-based Axens has broken ground on the world's first full-SAF production unit in Asia, leveraging its expertise in renewable conversion processes. Axens Vegan® technology offers the ability to produce 100% SAF, by preventing co-production of renewable diesel, and without the need for additional hydrocracking stage.

Closer to home, NEXTCHEM, a subsidiary of Italian MAIRE and a key player in the waste-to-chemicals sector, has been awarded an engineering study contract by British Altalto Ltd. to develop a SAF plant in Immingham, UK. The plant, which is expected to create about 100 permanent jobs, will use NEXTCHEM's proprietary NX Circular gasification and NX CPO technologies, to convert residual municipal, commercial, and industrial waste into synthesis gas. This gas will then be transformed into SAF using Velocys' Fischer-Tropsch technology. The project, which has secured a grant from the UK Department for Transport, aims to produce 30 million litres of SAF annually, enough to power over 500 flights from London to New York per year, with a target operational date of 2030.

Alongside this, a new £2 billion SAF plant is set to be built on Teesside, following a commitment from Saudi Arabian firm Alfanar. The project, named Lighthouse Green Fuels, will convert over 1.5 million tonnes of sustainable biomass waste annually into up to 180 million litres of SAF. This amount is enough to power thousands of flights each year. The development is expected to create more than 2000 construction jobs and 240 permanent positions once operational. The plant will also benefit from being connected to the Northern Endurance Partnership's carbon capture and storage facilities, which will help avoid over 750k tonnes of carbon dioxide emissions.

Read on for the latest news

Policy

TRA proposes new anti-dumping measure on Chinese biodiesel

@400tmax via Canva.com

The Trade Remedies Authority (TRA) has today (22 August 2025) published its Statement of Essential Facts (SEF) in the anti-dumping investigation into biodiesel imports from China.

The investigation found that Chinese biodiesel is being dumped in the UK at unfairly low prices, causing material injury to UK producers. The TRA also concluded that applying anti-dumping measures would be in the UK's economic interest.

As a result, the TRA has proposed introducing ad-valorem anti-dumping duties, including:

- 15.68% for the Zhuoyue Group and non-sampled cooperating exporters
- 54.64% for all other exporters...

Click here for more information.

NFU long-term asks on bioethanol taken forward in government review

The promise of a consultation on how low carbon fuels are rewarded under the Renewable Transport Fuel Obligation, potentially leading to the crop cap being removed, and the exploration of moving beyond E10 fuels are key among the changes the Department for Transport has outlined following NFU lobbying.

The DfT (Department for Transport) has published an update to government policy as part of its RTFO (Renewable Transport Fuel Obligation) statutory review. The RTFO sets annual obligations for fuel suppliers to ensure a certain percentage of renewable, low carbon fuel is supplied to road vehicles, non-road mobile machinery and other surface transport modes.

The British biofuel industry is a significant domestic market for growers. AHDB analysis indicates that the volume of UK wheat entering the bioethanol supply chain has been as high as 1.2m tonnes (in 2017 which was approx. 8% of the UK crop), prior to changes to the RTFO which artificially capped the UK bioethanol market...

Click here for more information.

Sustainable Aviation Fuel (SAF) a practical and immediate solution to decarbonize the aviation sector, says Union Minister Ram Mohan Naidu

Ministry of Civil Aviation, in partnership with the International Civil Aviation Organization (ICAO) and with support from the European Union has officially released the Sustainable Aviation Fuel (SAF) Feasibility Study for India here today.

The launch event was addressed by Union Civil Aviation Minister Shri Ram Mohan Naidu, Secretary of Civil Aviation Shri Samir Kumar Sinha, Director General of Civil Aviation Shri Faiz Ahmed and Ms. Jane Hupe, Deputy Director Environment, Air Transport Bureau, ICAO.

Undertaken under the ICAO ACT-SAF Programme, the feasibility study assesses the potential for producing and utilizing drop-in Sustainable Aviation Fuel (SAF) in India. It evaluates domestic feedstock availability, viable production pathways, infrastructure and policy readiness and the enabling conditions needed to establish a robust domestic SAF market. Drawing upon international best practices and tailoring them to India's socio-economic and environmental context, the report provides a roadmap for sustainable fuel adoption...

Click here for more information.

UFOP welcomes encouraging signal from the Federal Minister of Agriculture on biofuels in agriculture

In his keynote speech at the German Farmers' Day in Berlin today, Federal Minister Alois Rainer announced that, in addition to the reintroduction of the agricultural diesel rebate, measures to increase the use of biofuels in agriculture are to be taken before the end of this legislative period.

From UFOP's point of view, this clear statement is an important signal to the entire industry of plant breeders, farmers, oil mills, biofuel producers and agricultural machinery manufacturers that the German government is convinced of the future of biofuels and that the alternatives should be supported. Federal Minister Rainer announced that he would also push ahead with the market ramp-up of alternative fuels in the coming years through tax breaks...

Click here for more information.

Markets

UK biofuels production collapsing in face of cheap imports

@pictafolio via Canva.com

In August, Associated British Foods (ABF) announced the closure of Vivergo, its bioethanol production plant in Hull, UK. The decision to close the site, one of just two bioethanol plants in the UK, followed failed discussions with the UK government to find a solution to enable Vivergo to operate on a profitable and sustainable basis.

The closure leaves Ensus's Teesside plant, owned by German company CropEnergies, as the sole major producer of bioethanol in the country, although it too has warned that it might be forced to close unless the UK government takes urgent action.

The news continues something of a trend for the biofuel sector. In July, Greenergy, owned by oil and metals trading group Trafigura, began consultation on proposals to permanently close its biodiesel plant in Immingham, north-east Lincolnshire, due to poor market conditions and uncertainty about UK biofuels policy. And last year, European biodiesel producer Argent Energy mothballed its plant in Motherwell, Scotland...

Click here for more information.

Study projects expansion of biofuel production with R$ 110 billion by 2035

The Biofuels Offer Book was recently launched, an integral part of the Ten-Year Energy Expansion Plan (PDE) 2035. The study, prepared by the Ministry of Mines and Energy (MME), in partnership with the Energy Research Company (EPE), presents detailed projections on the evolution of the supply and demand of biofuels in Brazil, considering the scenario of progress in the energy transition and the strengthening of public policies for the sector.

According to the document, the supply of ethanol is expected to grow by about 30% in the next decade, reaching 51 billion liters in 2035. Corn ethanol, responsible for 20% of production in 2024, will gain prominence and should account for more than 30% of the total supply in 2035. The demand for fuel ethanol reaches 48.2 billion liters, ensuring a positive balance over the entire horizon of analysis.

The study also projects a technical potential to generate 5.9 GW of average bioelectricity from sugarcane bagasse at the end of the period, in addition to 6.4 billion Nm^3 of biomethane derived from sugarcane residues (vinasse, filter cake, straw and tips), equivalent to about 10% of the national consumption of natural gas in 2024.

Regarding biodiesel, the projected demand reaches 13.9 billion liters in 2035, with soybean oil remaining the main raw material. The installed capacity forecast for the horizon is sufficient to meet the legal targets of mandatory blending, with surpluses that can be directed to maritime transport and other uses. The National Program for the Production and Use of Biodiesel (PNPB) continues to play a strategic role in supporting family farming, stimulating social inclusion and income generation in rural areas...

Click here for more information.

Research & Development

Successful testing of renewable diesel in our Cold War M548 troop carriers means a greener future for the historic running fleet.

@getmilitaryphotos via Canva.com

Following a trial use of biofuel over the May half term and summer holidays, we are delighted to announce that our popular M548 troop carrier rides will continue to run on a more environmentally friendly diesel alternative.

This renewable diesel is chemically similar to conventional diesel, meaning it can be used without modification to the engine or fuel system, but as it is derived from biomass such as used cooking oils, fats and greases, it has a significantly lower carbon intensity.

The M548 troop carrier rides – which run throughout the day during school holidays – clock up the highest mileage of any of our historic vehicles, using about 20 litres of fuel a day.

The switch to renewable diesel will reduce the carbon emissions of this fuel by 65 – 90%.

Click here for more information.

World Biodiesel Day: MOL Group successfully completes another SAF and HVO production test

@Natt Boonyatecha via Canva.com

On the occasion of World Biodiesel Day, MOL Group highlights a recent milestone in its energy transition journey. Sustainable aviation fuel (SAF) has been successfully produced for the first time at INA's Rijeka Refinery during a pilot project to process biocomponent, as well as a significant volume of renewable diesel HVO (Hydrotreated Vegetable Oil). This marks the second successful SAF and HVO production test within MOL Group, following an earlier pilot at Slovnaft's Bratislava refinery. These underscore the company's technological readiness and strategic commitment to alternative fuel development in meeting EU climate targets and enhancing regional energy security.

The successful pilot project at the Rijeka Refinery was implemented in cooperation with Chevron Lummus Global (CLG), the licensor of the refinery's Hydrocracking Unit, with the aim of testing the co-processing of 5% POME (Palm Oil Mill Effluent – a by-product of palm oil production) with fossil feedstocks. During the pilot, 1,000 tonnes of biogenic feedstock were processed. The entire process was certified by the independent auditor Bureau Veritas d.o.o., in line with the ISCC (International Sustainability and Carbon Certification) standard for sustainable biofuels...

Click here for more information.

Mitsubishi Heavy Industries achieves target performance at pilot plant for bioethanol membrane dehydration systems.

Mitsubishi Heavy Industries, Ltd. (MHI) has achieved the target performance of over 99.5vol% ethanol purity at a pilot plant for membrane dehydration systems (MMDS®: Mitsubishi Membrane Dehydration System) installed at MHI's Nagasaki Carbon Neutral Park within the Nagasaki District Research & Innovation Center, which meets domestic fuel standards.

Bioethanol is gaining attention as a clean fuel alternative to gasoline and as a raw material for Sustainable Aviation Fuel (SAF). However, in order to be used as fuel, the removal of moisture contained in bioethanol during the final stage of manufacturing (dehydration) is essential, and the dehydration process consumes a significant amount of energy. MMDS® aims to optimize the process by replacing the conventional method with a molecular sieve separation method(Note), thereby achieving high-efficiency manufacturing while significantly reducing energy consumption by over 30%, leading to a substantial reduction in operational costs and stable production. Additionally, since MMDS® enables separation in the liquid phase, it allows for the compact design of the equipment.

Moving forward, based on the results of various element tests conducted at the pilot plant, MHI plans to accelerate development toward the construction of a demonstration plant for an early launch.

Click here for more information.

Bioethanol

Indian PM inaugurates bioethanol plant, lays foundation for polypropylene unit in Golaghat, Assam.

Designed by Freepik

With an aim at promoting clean energy and reducing dependence on fossil fuels, the Prime Minister Shri Narendra Modi inaugurated the Assam Bioethanol Plant and laid foundation stone for polypropylene plant at Numaligarh Refinery Limited (NRL) at Golaghat in Assam today. Addressing the gathering on the occasion, Prime Minister extended heartfelt greetings to all citizens and the people of Assam on the occasion of Sharodiya Durga Puja. He acknowledged the significance of the birth anniversary of the great spiritual figure Srimanta Sankardev and paid respectful tribute to the revered Gurujanas.

Prime Minister remarked that he has been in the North East for the past two days and every time he visits the region, he receives extraordinary affection and blessings. He highlighted the unique warmth and sense of belonging he experiences in this part of Assam and expressed gratitude to the people...

Click here for more information.

Green Plains enters into agreement to sell Obion, Tennessee plant to POET.

Green Plains Inc. has announced that it has entered into an asset purchase agreement with POET to sell its Rives, Tennessee based ethanol plant for $190 million in cash, inclusive of an estimated $20 million of working capital, to be adjusted at closing. Proceeds from the sale will be utilized to retire the junior mezzanine debt due in 2026 and enhance liquidity. The transaction is anticipated to close during the third quarter of 2025, subject to customary closing conditions, regulatory approvals and contains standard representations, warranties, and indemnification obligations.

Chris Osowski, Chief Executive Officer has said:

> "The sale of our Obion facility reflects our continued commitment to unlocking value for shareholders and strengthening our balance sheet. We have been actively pursuing opportunities that align with our long-term strategy and support disciplined capital allocation. This divestiture not only demonstrates the strength of our asset portfolio but also enables us to fully retire our junior mezzanine notes — a significant milestone in enhancing our financial flexibility and advancing Green Plains' carbon reduction strategy."

Click here for more information.

Biodiesel

DP world launches UK-first low carbon truck programme

DP World has launched a new low carbon truck programme (LCTP) at its London Gateway and Southampton logistics hubs, offering truck operators access to low carbon fuel in a UK industry first.

With more than 4,000 truck visits per day at its two UK ports, DP World will support at least 500 trucks to transition to Hydrotreated Vegetable Oil (HVO), a renewable fuel with up to 85% less carbon intensity than diesel. Truck operators will be able to access the HVO at the same cost as diesel, helping remove financial barriers to greater adoption.

The trial will run into 2027 for truck operators who regularly use DP World's UK ports with fully laden import or export containers. The initiative aims to create a pathway for truck operators to transition to fully electric HGVs, which offer zero emissions at the tailpipe.

Click here for more information.

GXO and B&Q on track to meet ambitious zero emissions targets by 2040

GXO Logistics, Inc., the world's largest pure-play contract logistics provider, and B&Q, the UK's leading home improvement and garden living retailer, are making strong progress toward their shared goal of achieving net-zero carbon emissions across B&Q's logistics operations by 2040.

Since the partnership began in 2015, GXO has managed B&Q's retail transport network, including national and regional distribution centres, Store to Home final mile services, returns processing, and a flagship seasonal warehouse. B&Q has a strong online presence and marketplace, with over 700,000 products available for home delivery or click and collect. Together, the companies are driving innovation and sustainability in retail logistics, aligned with B&Q owner Kingfisher's vision of "Better Homes. Better Lives. For Everyone."

Click here for more information.

Shell will not restart construction of Rotterdam biofuels plant

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Shell Nederland Raffinaderij B.V., a subsidiary of Shell plc, has decided not to restart construction of its planned biofuels facility at the Shell Energy and Chemicals Park in Rotterdam, which began in 2022. Following an in-depth commercial and technical evaluation to reassess the project's competitiveness, Shell will no longer proceed with the project.

Machteld de Haan, Shell's Downstream, Renewables and Energy Solutions President, said:

> "As we evaluated market dynamics and the cost of completion, it became clear that the project would be insufficiently competitive to meet our customers' need for affordable, low carbon products. This was a difficult decision, but the right one, as we prioritise our capital towards those projects that deliver both the needs of our customers and value for our shareholders."

Click here for more information.

Aviation Biofuels

£2bn aviation fuel plant poised for take-off on Teesside

A £2bn investment to develop a world-leading sustainable aviation fuel plant creating thousands of jobs on Teesside is poised for take-off.
Saudi Arabian firm Alfanar has confirmed its commitment to develop its Lighthouse Green Fuels development at the North Tees industry cluster.

Tees Valley mayor Ben Houchen secured the pledge as he met senior Alfanar executives including vice chair Sabah Al Multaq during a visit to Saudi capital Riyadh last week to promote global investment in Teesside.

The mayor also committed to championing this project with government as it moves closer to getting started.

The facility will convert more than 1.5million tonnes of sustainably sourced biomass waste to produce up to 180 million litres of sustainable aviation fuel a year...

Click here for more information.

NEXTCHEM awarded an engineering study based on its proprietary NX Circular™ gasification and NX CPO™ technologies for a SAF plant in the UK

MAIRE (MAIRE.MI) announces that NEXTCHEM, through its subsidiary MyRechemical, key player in the Waste-to-Chemical segment, has been awarded an engineering study contract by Altalto Ltd. based on its proprietary NX Circular™ gasification and NX CPO™ technologies for a SAF plant in Immingham, Lincolnshire, United Kingdom.

Altalto (Immingham) Ltd. is a company set up by Velocys to develop SAF projects in the UK. The plant is expected to be operational in 2030. Initial targets include the production of 30 million litres (23 thousand tonnes) of SAF per year for the UK market in support of the SAF Mandate.

The project has been awarded a grant from the Department for Transport's Advanced Fuels Fund to progress Basic Engineering Design. The SAF from the plant will be enough to power over 500 flights from London to New York per year.

Click here for more information.

Airbus and Air France complete inaugural SAF A220 ferry flight

@Leonid Adronov via Canva.com

An Air France Airbus A220 today completed its delivery flight from Airbus' site in Mirabel to Paris powered by sustainable aviation fuel (SAF).

This marked a significant step forward: Airbus in Canada directly issued official sustainability credentials for SAF to a customer for the first time.

This landmark flight not only confirms Airbus' capability to provide Proofs of Sustainability (PoS) directly to customers and operators but also supports the industry's commitment to decarbonisation. With PoS credits for a 50% SAF blend applied through the mass balance process, this ferry flight conducted by Air France's 46th A220-300 named "VAISON-LA-ROMAINE", represented more than 25 tonnes reduction in lifecycle greenhouse gas (GHG) emissions compared to fossil fuels...

Click here for more information.

Axens kicks-off first worldwide full-SAF unit in Asia

First of its kind 100% SAF unit based on Axens' Vegan® technology now operational in Asia
Axens has successfully started up 100% Sustainable Aviation Fuel (SAF) unit at site in Asia. The facility has the capacity to entirely convert renewable feedstock into high value Sustainable Aviation Fuel.

This unit is a revamp of existing hydroprocessing assets in which a simple two-stages scheme has been implemented. Combined with innovative catalyst solution including Axens 700 series, this Vegan® unit allows full flexibility to produce either 100% Renewable Diesel (RD) or 100% SAF, permitting to answer the challenging market demand. Since its kick-off a few months ago, the unit has demonstrated to operate very stably with positive performance.

Vegan® process is thus able to prevent co-production of Renewable Diesel if not desired and focus on maximizing SAF. But what makes this solution unique is that 100% SAF mode is obtained without the need of additional hydrocracking stage.

Click here for more information.

Vietjet partners with Petrolimex to use SAF, a key step in the aviation industry's green transition

Vietjet has pioneered using sustainable aviation fuel (SAF) produced by Petrolimex Aviation in Vietnam on its flights.

The signing ceremony of the cooperation agreement between Vietjet and Petrolimex Aviation took place today in Ho Chi Minh City, attended by the Director General of the Vietnam Civil Aviation Authority, Uong Viet Dung; Chairman of Petrolimex, Phạm Văn Thanh; CEO of Petrolimex Aviation, Nguyen Van Hoc; Vietjet CEO Dinh Viet Phuong; Vietjet Standing Vice President To Viet Thang and Vietjet Vice President CFO Ho Ngoc Yen Phuong, along with partners and guests...

Click here for more information.

Universal fuel technologies' sustainable aviation fuel accepted into ASTM clearinghouse for qualification

@Valeriia Sviridova via Canva.com

As the global aviation industry faces mounting pressure to reduce emissions while demand for air travel continues to grow, Universal Fuel Technologies' (Unifuel) Ethanol-to-jet sustainable aviation fuel (SAF) produced via the company's Flexiforming technology has been accepted into the ASTM D4054 Clearinghouse, which supports the technical evaluation of new aviation fuels, for qualification. This acceptance positions Unifuel among an exclusive group of companies advancing toward ASTM qualification, the essential gateway for new fuels to enter commercial aviation markets.

Alexei Beltyukov, CEO of Universal Fuel Technologies has said:

> "The acceptance into the D4054 Clearinghouse is an important validation of our Flexiforming technology and significantly derisks our road to approval for commercial use. This advancement indicates that our SAF can meet the toughest performance standards without sacrificing scalability or quality, and has technical credibility in the eyes of industry experts."

Click here for more information.

Delta partners with Shell and the Port of Portland for first commercial-scale SAF uplift at Portland International Airport

@jakubgojda via Canva.com

Delta Air Lines, in collaboration with Shell and Portland International Airport (PDX), has taken delivery of Sustainable Aviation Fuel (SAF) into the PDX fuel system, marking the first commercial-scale SAF uplift at PDX. This achievement not only expands Delta's SAF footprint but positions PDX – owned and operated by the Port of Portland – to capitalize on the continued growth of SAF across the U.S.

The batch of more than 400,000 gallons of blended SAF was produced by Montana Renewables in the U.S. from waste-derived feedstock. Shell then supplied the SAF shipment to Zenith Terminal in Portland where it was blended with traditional jet fuel to meet regulatory requirements and delivered to PDX via barge, truck and pipeline. Earlier this month, the blended SAF entered the airport's privately owned fuel supply system...

Click here for more information.

KWE and Shell Aviation sign new agreement on the use of sustainable aviation fuel

Kintetsu World Express, Inc. (Tokyo, Japan) is pleased to announce that it has entered into a new agreement with Shell Aviation, regarding the use of Sustainable Aviation Fuel (SAF).

KWE and Shell Aviation jointly participated in the market based measures framework pilot demonstration programme conducted by Smart Freight Centre in 2023. Since then, we have been engaged in discussions to establish a secure and convenient mechanism for the use of SAF's environmental benefits by aviation stakeholders, including freight forwarders and shippers, engaging in air freight activities.

Under this agreement, we will adopt Shell Aviation's digital platform "Avelia" to swiftly address shippers' low-carbon transportation needs. Avelia will help KWE to access the environmental benefits of SAF even when SAF is not physically available at their locations. It also offers a transparent, secure, and credible blockchain platform that ensures traceability, and helps to prevent erroneous double counting.

Tatsuya Narasaki, Managing Officer at Kintetsu World Express, stated

> "We have identified the reduction of CO2 emissions and the promotion of renewable energy use as key sustainability challenges. To mitigate the environmental impact of our global operations, we are working to reduce CO_2 emissions not only in Japan but also around the world. We are pleased to announce that our near-term and long-term net-zero emissions reduction targets have been formally approved by SBTi. SAF is a key component of our concrete efforts, and our collaboration with Shell Aviation represents a significant step forward for us."

Click here for more information.

Shipping Biofuels

Furetank achieves fossil-free vessel operations with renewable fuels

@InfinitumProdux via Canva.com

Furetank is taking a crucial step towards fossil freedom, operating its EU-based fleet on biogas. A large-scale agreement for mass-balanced biomethane enables an immediate transition to renewable operations. New EU legislation has made it possible for Furetank to finally complete the shift it initiated a decade ago.

Accessing biogas in large volumes has long been a bottleneck for Furetank and other shipping companies that chose gas propulsion as the fastest route towards renewable fuels. With the FuelEU Maritime regulation, in force since the start of this year, it is now possible to account for mass-balanced biogas – meaning certified biogas can be injected into one end of the European gas grid and withdrawn at the other, just as has long been done with green electricity...

Click here for more information.

Viking Line to boost biogas use – will provide option of fossil-free maritime transport on all routes

For the first time, Viking Line's passengers and cargo customers will all have the opportunity to travel completely fossil-free since the company is significantly increasing its use of biofuel. Viking Line has been working in collaboration with the energy company Gasum for a number of years to develop the market for biofuel.

This autumn, Viking Line will increase its purchases of renewable biofuel (bio liquefied natural gas or bio-LNG) sixfold, which means purchasing European biogas equivalent to Viking Glory's total fuel consumption. The biofuel will be consumed on the Turku–Stockholm route by Viking Glory and Viking Grace. Liquefied natural gas (LNG) will also be used as a complement. These fuels generate virtually no sulphur or particulate matter emissions, which are harmful to human health. Using biogas also contributes to a circular economy since the raw materials consist of waste streams from food and agricultural waste.

Click here for more information.

GCMD trials show promise of tracers in combating marine biofuel fraud

The Global Centre for Maritime Decarbonisation (GCMD) today released a landmark report on the world's first field validation of tracer technologies in marine biofuel supply chains. Conducted in Singapore, Rotterdam, and other major bunkering hubs, the trials demonstrated that tracers can be integrated into existing marine biofuel supply chain practices without disrupting operations or compromising fuel quality.

The trials assessed three distinct tracer candidates and found the organic tracer to be the most practical solution for tracking authenticity and quantity of biofuels, offering an optimal balance of cost, detectability, and scalability...

Click here for more information.

Events

1st - 2nd October 2025
3rd Annual Advanced Biofuels Forum
Amsterdam, Netherlands

CONFERENCE

The conference will highlight key regulatory updates, innovations in biofuel technologies, and the industry's current challenges. Participants will gain insights into the impact of sustainability initiatives and consumer behavior trends on biofuel production and consumption. There will be opportunity to engage in discussions about market access strategies and the competitive landscape shaped by lower-cost imports. The event will also feature roundtable sessions on feedstock supply challenges and technological advancements in biofuel production. The conference will also include discussions about regulatory compliance.

Click here for more information.

20th - 22th October 2025
Argus Biofuels Europe Conference & Exhibition
London, UK

EXHIBITION CONFERENCE

The Argus Biofuels Europe Conference & Exhibition, taking place in London from October 20-22, 2025, features a comprehensive agenda covering Sustainable Aviation Fuel (SAF) and marine biofuels.

The SAF Focus Day will address the readiness of the market for ReFuel EU aviation and the UK mandate, SAF accounting frameworks, price discovery platforms, and strategies for accelerating SAF production and supply. The Marine Focus Day will explore how regulations are driving biofuel demand in the marine sector, global marine biodiesel price competitiveness, and the role of biofuels in accelerating decarbonization.

Click here for more information

29th - 30th October 2025
Future of Biofuels 2025
Gothenburn, Sweden

CONFERENCE

The evolving landscape of EU regulations, market dynamics, and technological advancements presents both challenges and opportunities for stakeholders in the biofuel industry. In response to these regulatory changes, the European biodiesel market is expected to navigate increasing volatility in vegetable oil prices while adapting to the rising demand for renewable fuel sources. These regulatory adjustments are pivotal in addressing concerns over the carbon footprint of current biofuels and advancing the adoption of low-carbon alternatives, which will be essential for the EU to meet its Net Zero targets.

As we look ahead, the biofuel industry stands at a crossroads, balancing the need for greater sustainability with the demands of economic competitiveness and energy security.

Click here for more information.

3rd - 5th November 2025
World Biofuels, Ethanol & Feedstocks Conference
Barcelona, Spain

CONFERENCE

S&P Global Commodity Insights is excited to announce the World Biofuels, Ethanol and Feedstocks Conference, taking place from November 3–5, 2025 in Barcelona.

Bringing together the unmatched biofuel expertise of Platts and F.O. Licht to deliver this premier industry-driven conference, uniting key stakeholders from across the diverse global biofuels sector.

Backed by decades of experience from leading independent authorities in biofuels, oil and agribusiness, the conference provides unparalleled insights into the evolving biofuels landscape and its pivotal role in advancing transport decarbonization.

Click here for more information.

Register here.

4th - 5th November 2025
28th Annual World Ethanol & Biofuels Conference
Brussels, Belgium

CONFERENCE

The 28th Annual World Ethanol & Biofuels Conference 2025, held from November 4-6 in Brussels, Belgium, is an international event concerning the biofuels and ethanol industry.

It serves as a crucial meeting point for policymakers, producers, traders, and innovators from over 40 countries to discuss global market trends, policy developments, and technological advancements. The event's main conference, spanning two days, is preceded by dedicated summits on November 4, focusing on topics like Sustainable Aviation Fuel (SAF) and Distillers Grains. This structured approach allows participants to deep-dive into specialized areas, fostering in-depth discussions on the challenges and opportunities within specific sectors of the biofuels economy.

Click here for more information

10th - 11th December 2025
International Arabian Summit on Biofuels and Bioenergy
Dubai, UAE

CONFERENCE

As the world urgently seeks sustainable alternatives to fossil fuels amid rising environmental concerns and the accelerating impacts of climate change, this summit provides a timely and essential platform to explore the role of biofuels and bioenergy in shaping a cleaner, greener future. Held in Dubai—an international hub of innovation, commerce, and progressive energy policy—the summit will bring together the brightest minds and most influential voices to discuss cutting-edge advancements, research breakthroughs, practical applications, and regulatory frameworks related to bioenergy production and deployment.

Topics will span a comprehensive range of subjects, including first-, second-, and third-generation biofuels; feedstock innovation; biomass conversion technologies; bioenergy supply chains; algae-based fuels; waste-to-energy systems; biorefineries; and the integration of bioenergy into national and international energy grids.

Click here for more information

12th - 13th December 2025

8th International Conference on Biofuel and Biomass

Singapore City, Singapore

CONFERENCE

The organisers are pleased to welcome you all to the "8th International Hybrid Conference on Biofuel and Biomass" scheduled for December 12-13, 2025 The theme of the conference is "Recent Advancement in Biofuel & Biomass". We want to gather all the experts and students, YRF, and & interested people from across the field who will present their advanced research and challenges faced during the pandemic and their thoughts, Knowledge, and Opinions with the rest of us in an International Global Conference.

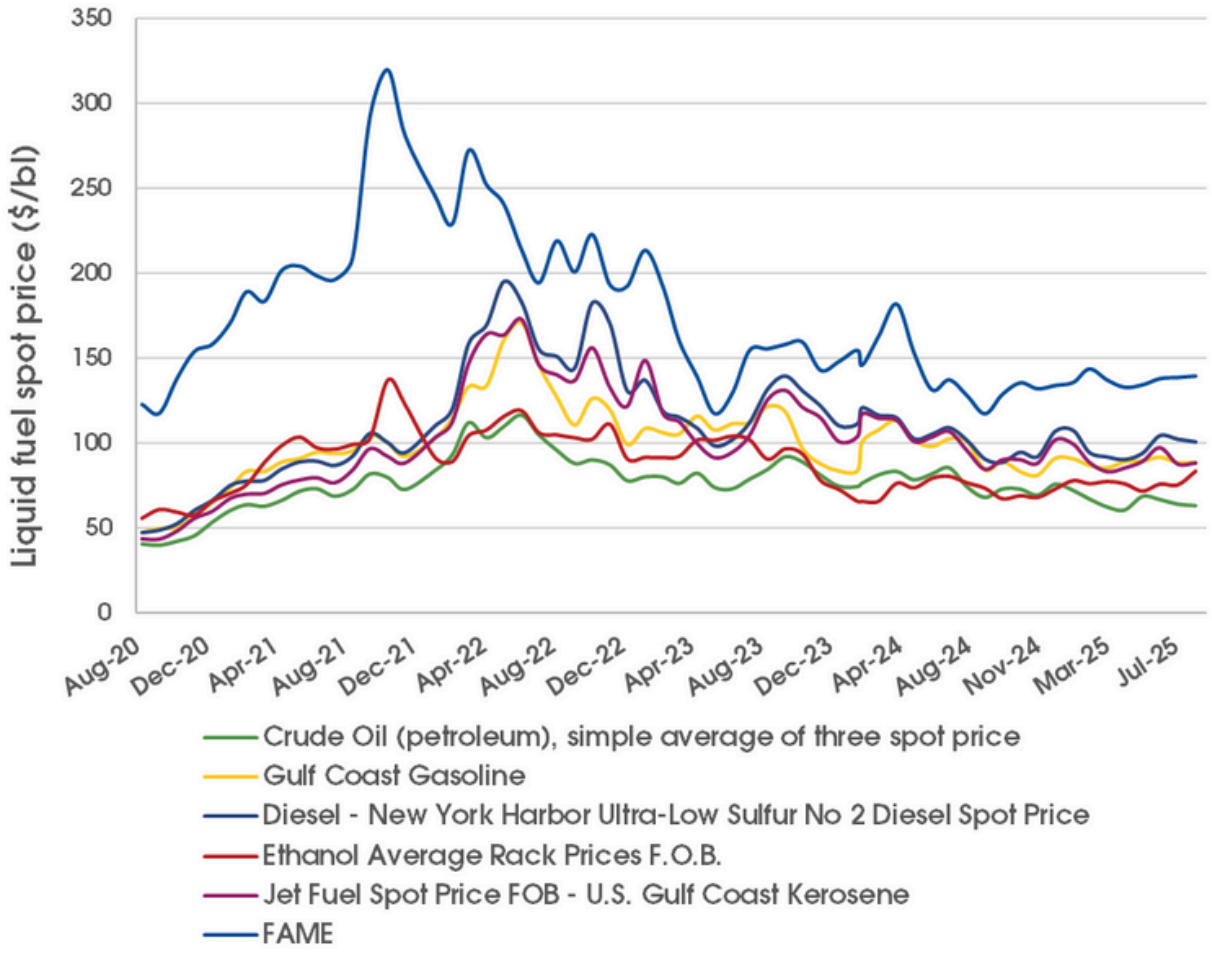
Biofuel and Biomass Conference will offer Research sessions, Poster sessions, Tutorials, Video Demonstrations, Industry Sessions, Q and A Panels, and a Ph.D. presentation. It will be a great global conference for sharing the latest insights of academic and industrial research as well as experiencing unique connections.

Click here for more information

Register here (virtual attendance available)

Price Information

Historical spot prices of liquid fossil fuels and liquid biofuels. Five years of pricing up to September 2025 are given in $ per barrel.



Prices of Crude oil, diesel, jet fuel, gasoline and ethanol are recorded from Trading Economics Prices for FAME from Neste (NB: Prices for June to August 2024 and January 2025 to present refer to UCOME only)

Credits and Disclaimer

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Alder BioInsights is a leading international consultancy with expertise on the conversion of biomass to bioenergy, biofuels and biobased products.

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