NEWS REVIEW

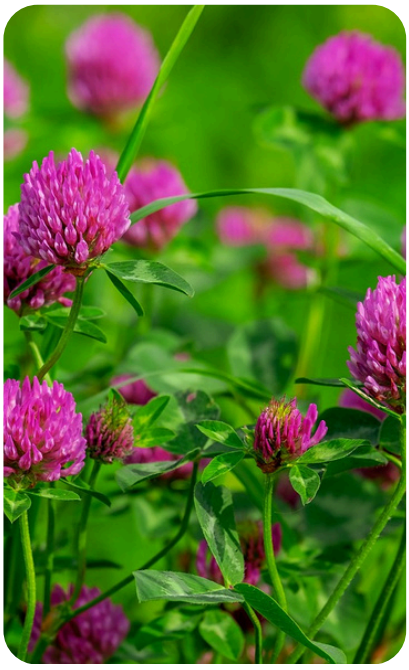
Alder BioInsights

August 2025

Bioenergy

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

Announcements & Commentary



Research & Development

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

Contents

FOREWORD

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

This edition of our Bioenergy Newsletter highlights a rising trend: the tangible growth in biomethane production capacity and the critical infrastructure required to integrate it into energy systems.

VIDA Bioenergy, a wholly owned subsidiary of VTTI, has recently advanced its presence within the UK. Since the start of operations at its inaugural facility, i.e. Glentham Green Energy in Lincolnshire, VIDA Bioenergy has commenced construction in West Northamptonshire for its second facility, Wormslade Green Energy. Once operational, the facility will process more than 45,000 tonnes of locally sourced crops and residues annually, expanding the company's biomethane production capacity across the region. More than 4,000 native trees and hedgerows will be planted as part of the project to support local biodiversity, along with transport network improvements like road upgrades.

On the other side of the continent, British Fortis Energy has acquired Çobanlar Biogas Power Plant (3.55 MWe) in Afyon of Türkiye. The addition of the Çobanlar BPP expands Fortis Energy's operational portfolio to five biogas power plants, with four located in Türkiye and one in Serbia. The electric and gas utility company now has more than 21 MWe of installed biogas capacity and, when considered as a group, these plants produce over 190 GWh of renewable energy per year, which greatly lowers greenhouse gas emissions by converting organic waste into electricity via methane and thus reducing the GHG emissions from the waste.

In Europe's dash for biomethane France leads the race with the highest number of biomethane plants in Europe, which as of 2024 amount to 732 according to European Biogas Association. The number is only going up as German manufacturer WELTEC Biopower, in collaboration with its French partner AGRIPOWER France, is currently building another plant in Pays de la Loire region of western France. This plant is being built for France's second-largest beef producer, Elivia Group, with a processing capacity of around 85 tonnes of raw material a day it will produce biogas from a mixture of slaughterhouse waste, fats and sludge from the sewage treatment plant. The plant is expected to begin injecting biomethane into the public gas grid in November 2025.

Perhaps most encouraging are the initiatives focused on building the crucial infrastructure to support the increased use in biomethane. In Italy, a landmark €264 million agreement between the European Investment Bank (EIB) and Snam to integrate biomethane into the country's gas network is a transformative move. This funding will support the development of 240 kilometers of new gas pipelines designed to link biomethane production facilities to the national gas transmission system. The infrastructure will have the capacity to transport up to 12,000 GWh of energy annually, equivalent to 1.13 billion cubic meters of biomethane, contributing to the National Recovery and Resilience Plan (NRRP) goal of producing 5 billion cubic meters per year by 2030.

These efforts are further bolstered by grassroots initiatives like the opening of a public biomethane feed point in Latvia, which makes this clean, renewable fuel more accessible to consumers and fleet operators.

Read on for the latest news

Policy

ADBA welcomes Government's recognition of biomethane flexibility in Clean Flexibility Roadmap

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The Government has recently released its Clean Flexibility Roadmap, in which it recognised that biomethane is currently used to decarbonise heating, but can be used flexibly across many different end-uses including industry, transport, and low carbon dispatchable power generation at gas-fired power plants.

The roadmap makes 17 references to biomethane and lists actions relating to this green gas that include:

- Government working with the Network Energy Systems Operators (NESO) to clarify the role of biomethane in providing low carbon dispatchable power and refine its vision for biomethane's 2030-2050 role alongside hydrogen and gas.
- Ofgem and DESNZ enabling an increase in the injection of biomethane into the gas network which could deliver more low carbon dispatchable power.

Dr Gareth Mottram, Policy Lead at the Anaerobic Digestion and Bioresources Association (ADBA), welcomed the report, commenting:

> 'The flexibility roadmap is a massive shift for the government. Up to this point the focus of biomethane has been on a domestic heat front...'

> '...For the first time, a government document makes the case that it is desirable to generate biomethane injected into the gas networks and use this for inter seasonal and peak balancing in existing gas turbine power plants. We made that case in our report "the Role of Green Gas in Net Zero" published last December. So, this is a particularly satisfying read for us.'

Click here for more information.

From target to action: scaling carbon removals by 2040

Bioenergy Europe welcomes the European Commission's legislative proposal amending the European Climate Law to enshrine the 2040 climate target, a 90%net greenhouse gas emissions reduction compared to 1990 levels. This is a vital step to keep the EU on a science-based pathway to climate neutrality by 2050 and upholding its commitments under the Paris Agreement. The bioenergy sector is ready to support the EU in delivering this ambition.

A clear fossil fuel exit strategy and the promotion of sustainable bioenergy are essential to achieving this goal. Equally important is the recognition of domestic permanent removals as a necessary and complementary pillar of EU climate action.

Ennio Prizzi, Senior Policy Officer at Bioenergy Europe, has said:

> 'A 90% net reduction is the right level of ambition and now the focus must shift to implementation. Permanent carbon removals, particularly those based on biomass, are ready to contribute. What we need is a stable, long-term framework that enables investment, guarantees environmental integrity, and secures Europe's leadership i in carbon management'

Click here for more information.

Drax Group records drop in profits as government subsidy deal nears

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Drax Group has reported a drop in profits as it confirms it expects to sign a deal with the government on subsidies later this year.

In half yearly results announced today, the power generator reported its adjusted EBITDA (Earnings before interest, tax, depreciation and amortisation) had falled from £515 million in the first half of 2024, to £460 million in the six months ending June 30.

It's operating profit has tumbled from £518 million to £301million over the same period.

Pre-tax profits had similarly fallen £463 million in the first half of 2024 to £281 million in the six months ending June 30.

The company cited lower energy prices as a factor. For the full year of 2025 Drax said it expected an adjusted EBITDA of £899million, which compares with a record £1,064billion reported for 2024.

Drax, whose main plant is near Selby, also reported record levels of pellet use, up 5 per cent on the previous year...

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Goa drafts policy to promote bioenergy, reduce fossil fuel dependence

Panaji: The draft Goa bioenergy policy focuses on adopting biofuels and bioenergy products across the state, reducing emissions caused by fossil fuels, and, in turn, becoming a leader in bioenergy and biofuel production.

This contributes to national energy security goals.The policy intends to cover all aspects related to bioenergy, including biofuel production, distribution, utilisation of technologies in the sector, and the availability of resources to produce bioenergy-related products.The objective of the policy is to promote the adoption of bioenergy products in Goa, to reduce dependence on fossil fuel consumption and increase the use of biofuel as alternatives...

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Markets

VIDA Bioenergy expands UK operations with second Biomethane Plant

VIDA bioenergy, a fully owned subsidiary of VTTI B.V. launched in 2025, has begun operations at its first UK facility while advancing construction of a second plant as the company pursues its goal of becoming one of Europe's leading biomethane producers. The company focuses on converting biomass into renewable energy through specialised production facilities across the UK.

The company's inaugural facility, Glentham Green Energy in Lincolnshire, has successfully commenced biomethane injection into the National Transmission System as of early 2025. The plant utilises straw, chicken manure, vegetable waste, and sequential crops as feedstock to generate over 60 GWh annually, producing sufficient renewable gas to heat approximately 5,200 homes each year...

Click here for more information.

UK biomass energy output drops in early 2025

New figures from the UK Department for Energy Security and Net Zero reveal that biomass and waste energy generation fell by nearly 5% in the first quarter of 2025 compared to the same period last year. This decline reflects a broader trend as the UK reassesses the role of biomass within its renewable energy mix.

The decrease in biomass energy production can be attributed to a combination of factors. Recent changes in government policy have had a significant impact, with plans announced to reduce subsidies for large-scale biomass power plants by 50% by 2027. This move aims to lower public spending on biomass energy while tightening sustainability requirements to ensure environmental goals are met...

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ORLEN and Krajowa Grupa Spożywcza sign MoU to accelerate biomethane production in Poland

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ORLEN and Krajowa Grupa Spożywcza (KGS), Poland's largest state-owned agri-food group, have entered into a memorandum of understanding to develop a nationwide biomethane portfolio. Under the new agreement, the parties will, inter alia, construct biomethane production facilities. The project is expected to curb CO_2 emissions, strengthen Poland's energy security and independence, and enhance overall grid stability...

Click here for more information.

Italy: EIB–Snam - €264 million agreement to integrate biomethane into Italy's gas network

The European Investment Bank (EIB) has approved a loan of up to €264 million to Snam, with the aim of facilitating the integration of biomethane production plants into Italy's energy infrastructure and promoting the transition to a more sustainable and diversified energy system.

The first tranche of €140 million was signed in the presence of EIB Vice-President Gelsomina Vigliotti and Snam CEO Agostino Scornajenchi.

This financing will enable the construction of 240 kilometres of new gas pipelines dedicated to connecting plants producing biomethane from renewable sources with the national gas transmission network. The new infrastructure will be able to transport up to 12 000 GWh of energy per year, equivalent to 1.13 billion cubic metres of biomethane, thus helping to achieve the target set under the National Recovery and Resilience Plan (NRRP), which provides for the production of 5 billion cubic metres per year by 2030.

Click here for more information.

Fortis Energy has added the Çobanlar Biogas Power Plant (3.55 MWe) in Afyon, Türkiye, to its portfolio.

Fortis Energy has added the Çobanlar Biogas Power Plant (3.55 MWe) in Afyon, Türkiye, to its portfolio. The facility strengthens Fortis's renewable energy portfolio and underscores its commitment to sustainable development and the circular economy.

Çobanlar BPP, operational since 2021, is a significant contributor to the region's renewable energy landscape. Annually, the plant processes 100,000 tons of agricultural and animal solid and liquid waste through anaerobic fermentation, generating over 26 GWh of electricity. This process not only provides a renewable energy source but also offers a sustainable solution for waste management.

Beyond its power production, the Çobanlar facility plays a vital role in supporting local sustainable development. The organic fertilizer produced as a byproduct of the biogas process is made available for agricultural use, enriching the soil and reducing the reliance on synthetic fertilizers, thereby fostering a circular economy in the local community...

Click here for more information.

Research and Development

CM Maryam launches biogas pilot project under Suthra Punjab program

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Punjab Chief Minister Maryam Nawaz Sharif has launched the "Waste to Value" project under the `Suthra (Clean) Punjab Program', marking a major step forward in converting waste into economic and environmental assets.

Chairing a meeting here on Momday, the CM said:

> `For the first time in history, a successful experiment of producing biogas from biodegradable animal waste has been conducted at Lakhodair.'

She directed the authorities concerned to immediately scale up the project across the province.

During the briefing, officials informed the chief minister that 20,000 to 25,000 kilograms of biogas can be produced from 1,000 metric tons of waste, generating revenue of Rs 6 to 7 million from sacrificial animal waste. They added that rehabilitation of the Lakhodair disposal site would yield 275,000 tons of carbon credits annually, bringing in $4.2 million in income...

Click here for more information.

From waste to energy, weeds as a source of biofuel

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Several species of invasive weeds could become a source of renewable bioenergy, according to University of Queensland research.

Researchers assessed the potential to convert 15 weed species found west of Brisbane into biomass pellets to be used as a solid biomass fuel.

Lead author Dr Bruno de Almeida Moreira from UQ's Queensland Alliance for Agriculture and Food Innovation said two vines, Brazilian Nightshade and Climbing Asparagus, were found to be suitable. Dr Moreira said:

> `Historically, the international pellet market has focused on forest biomass but with regulations in Australia ruling wood pellets are not classified as renewable, we are trying to find alternative sources of biomass to produce pellets of the same quality. Wood has a lot of lignin, one of the most important components, and these weeds have a lignin content of about 25 per cent, which is competitive. The other key finding is we can make market-grade pellets, which means there are some weed-to-pellet conversion pathways that can provide market-grade biofuels we could sell.'

Click here for more information.

Biomass Heat & Power

Valmet to deliver biomass boiler and flue gas cleaning system to Saica Group in Spain

Valmet has received an order from Saica Group (Sociedad Anonima Industrias Celulosa Aragonsesa) to supply a biomass boiler and flue gas cleaning system for Saica Group's plant in El Burgo de Ebro, Zaragoza, Spain.

The order is included in Valmet's orders received of the second quarter 2025. The value of the order will not be disclosed. The boiler plant is scheduled to be handed over to Saica at the end of 2026.

The boiler to be supplied is a Valmet BFB boiler that utilizes bubbling fluidized bed (BFB) technology. It is engineered to produce steam with a capacity exceeding 700,000 tonnes annually. By utilizing biomass as fuel, the BFB boiler will significantly reduce fossil fuel consumption and CO2 emissions, aligning with Saica's dedication to sustainability and circular economy principles...

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Vida AB expands into Central Sweden

Canfor Corporation has recently announced that its 77%-owned subsidiary, Vida AB, has entered into an agreement to purchase AB Karl Hedin Sågverk from Mattsbo Såg AB and certain minority shareholders for a purchase price of $164 million (1.15 billion Swedish Krona), including working capital of approximately $39 million.

AB Karl Hedin Sågverk operates three sawmills located in Central Sweden and will add approximately 230 million board feet to Vida's annual production capacity. Following completion of this acquisition, Vida will have annual production capacity of approximately 2.1 billion board feet. Annual synergies of approximately $15 million are expected to be achieved within three years as a result of this transaction principally related to alignment of marketing programs as well as log procurement and operational practices...

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Microsoft backs Vaulted Deep and its waste management cdr approach

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Microsoft announced that it has invested in a long-term carbon dioxide removal (CDR) partnership with U.S.-based waste management company Vaulted Deep.

Under the 12-year deal, Vaulted will deliver up to 4.9 million tonnes of durable CDR through its permitted and effective waste management operations.

For the CDR company, this financial injection will fuel the expansion into new locations across the United States, scaling operations that contribute to meaningful climate, waste, and community results.

Vaulted Deep specializes in storing CO2-rich organic waste deep underground, creating a CDR pathway that locks in carbon dioxide emissions away from the atmosphere.

By injecting sludge-form waste material into stable underground geologic formations that are sealed by impermeable rock layers, Vaulted offers a solution not only to carbon dioxide pollution but also to methane emissions, and it provides a safe disposal space for environmentally dangerous trace contaminants like PFAS.

Click here for more information.

Energy from Waste

New incinerator begins burning county's waste

A new incinerator will start to burn household waste from Essex on Monday.

The facility at Rivenhall, near Witham, will eventually burn nearly 600,000 tonnes of rubbish every year.

Campaigners say that Indaver, which built the incinerator, has flouted planning permission because it has not also built recycling facilities as first planned – something which Essex County Council is now investigating.

Indaver said it planned to build alternative recycling facilities at the site in the future when demand warrants them...

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SUEZ and RATP Group join forces to accelerate the shift towards sustainable urban mobility through a power purchase agreement

SUEZ and RATP Group announce the signing of a long-term renewable energy purchase agreement – (PPA). Under this agreement, SUEZ will supply RATP Group — the world's third-largest urban transport operator — with almost 100 GWh of renewable electricity per year, generated from the recovery of household waste. The contract will last for a maximum of 16 years.

This new long-term renewable energy purchase agreement aligns with the energy and climate policy of RATP and its subsidiaries, which are committed to enhancing the energy and carbon efficiency of their activities...

Click here for more information.

India: new projects for waste management will be implemented

Local Self Government and Excise Minister M B Rajesh said that new projects will be implemented in the state for waste management. 6 RDF plants will be constructed for solid waste management, sanitary incinerator plants for sanitary waste management and 7 CBG plants for organic waste management. At a press conference held at the Secretariat PR Chamber, the minister said that scholarships will be given to the students to develop a pollution-free culture.

If non-recyclable inorganic waste is crushed, bailed out and transported to cement companies in the form of RDF, a certain amount will be received from the cement companies and the transportation of the waste can be carried out in a cost-effective manner. The 6 RDF plants required for this will be set up on a cluster basis. The government intends to carry out these activities by integrating the private sector in view of the expertise and cost involved in building and running the plants. The aim is to build plants to produce 720 tonnes of RDF per day through capital investment by Clean Kerala Company and private entrepreneurs...

Click here for more information.

Biogas

"Why biomethane is the UK's best path to energy independence"

Pixabay

Dr Chris Mann, Co-founder and Chief Technology Officer of Bennamann, explains why biomethane is the UK's best pathway to a sustainable energy future.

With the UK committed to achieving net zero by 2050, the choice between different biofuel pathways will determine not just our carbon footprint, but our energy security and economic resilience. After years of developing biomethane solutions at Bennamann, I'm convinced that while ethanol may seem like the obvious choice, it's biomethane that holds the key to our sustainable energy future...

Click here for more information.

Weltec Biopower builds biomethane plant for beef producers in western France.

In collaboration with its French partner AGRIPOWER France, German manufacturer WELTEC BIOPOWER is currently building a biomethane plant for the Elivia Group. France's second-largest beef producer is headquartered in Le Lion-d'Angers in the Pays de la Loire region, western France.

At this location, the plant will go into operation in November 2025 near the company's own slaughterhouse and feed biomethane into the public gas grid. One of Elivia's goals is to significantly reduce its carbon emissions. With this investment of approximately €6 million, the French industrial and commercial company, which has a workforce of 2,700 and an annual sales volume of 152,000 t of meat, highlights the importance of green energy sources...

Click here for more information.

Sustainable transport on the road: our commitment at OnTurtle

Sustainable on-road transport is no longer an option, but an urgent necessity. In a global context in which emissions reduction and energy efficiency are priorities, OnTurtle reaffirms its commitment to the environment through various actions, aligned with the European objectives of decarbonisation of the transport sector.

On the occasion of World Environment Day, celebrated every June 5, we would like to highlight our main initiatives towards cleaner, more efficient and planet-friendly mobility.

BioGNL: the renewable alternative to natural gas

In 2025 at OnTurtle, we made the leap to BioLNG (liquefied natural gas from renewable sources), with the first Bio LNG fuelling stations in Germany. Thanks to a clear expansion strategy, our network of BioGNL filling stations has now reached 55 locations in Europe. This constantly growing network responds to a growing demand for more environmentally friendly energy solutions for professional transport. Bio LNG is a biofuel that is produced from organic waste and offers an emissions reduction of up to 80% compared to traditional fuel...

Click here for more information.

All Suffolk food waste to be processed in the county

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All food waste collected from Suffolk households will be processed at a specialist facility in the county.

This will mean a more efficient, environmentally friendly and cheaper way to deal with Suffolk's food waste, with weekly household kerbside collections beginning in 2026.

Suffolk County Council and Bio Capital have agreed a four-year contract to process food waste at the recently approved anaerobic digestion plant at the Adnams Distribution Centre, in Reydon near Southwold.

Around 31,000 tonnes of household food waste could be sent to the new facility each year, which will be processed to generate green fuel (biomethane), and turned into soil fertiliser – meaning Suffolk's food waste is put to better use...

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Public biomethane feed point opens in Latvia

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The first publicly accessible biomethane injection point in Latvia has recently opened in Džūkste, Tukums municipality.

The Biogas Producers Association estimates that there are currently eight companies producing green gas in Latvia, most of which have their own entry points, but the sector is growing and public infrastructure will be an issue in the long term. Producers will be able to deliver the gas they produce by cargo container to this site and feed it into the common system, even if there is no direct connection to the gas transmission network.

Uldis Bariss, Chairman of the Management Board of Conexus, calls this an important step that expands the possibilities of gas transmission infrastructure and contributes directly to the development of sustainable energy in Latvia. Conexus has not yet signed contracts with specific producers to use the public entry point, but Bariss observes that the sector is actively developing...

Click here for more information.

Italy opens €193 million call for biomethane projects

The Italian Ministry of Environment and Energy Security announced the opening of a public call with a total financial allocation of €193 million aimed at promoting the development of biomethane under criteria that encourage the circular economy.

Boosting the circular economy and energy transition

This initiative is part of the National Recovery and Resilience Plan (PNRR), within Mission 2, Component 2, Investment 1.4, which primarily aims to support biomethane production following criteria that promote the circular economy. Specific goals include:

- The construction of new plants for biomethane production.
- The conversion and efficiency improvement of existing agricultural biogas plants to produce biomethane for transport, industry, and heating, complying with the EU Renewable Energy Directive (RED II) standards.
- The replacement of at least 300 obsolete agricultural tractors with tractors powered exclusively by biomethane and equipped with precision farming technologies.
- The promotion of innovative ecological practices during biogas production, such as low-impact systems for digestate management.

The total planned investment for this line amounts to nearly €1.924 billion, targeting a biomethane production of 0.6 billion cubic metres by the end of 2023 and 2.3 billion cubic metres by June 2026...

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Carbon Capture

Carbon capture system installed at Parc Adfer, Deeside

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A Deeside plant where waste is turned into energy has installed a first-of-its-kind 'superpower' carbon capture facility.

enfinium's Parc Adfer plant, on Deeside Industrial Estate, opened in 2019 and processes around 200,000 tonnes of waste a year – turning it into energy, powering 45,000 homes.

Society produces significant amounts of residual unrecyclable waste – material that remains after efforts to reduce, reuse and recycle. Before facilities like Parc Adfer, it used to end up in landfill sites. It works by burning waste at high temperatures, producing high pressure steam in a boiler. The steam drives the blades of a turbine generator to generate electricity.

Residual ash, produced from the waste-to-energy process, is then used in the construction of roads, and metals are removed during the process and recycled.

The next challenge at Parc Adfer is to decarbonise the residual waste stream – and the solution has been to install a CCS (Carbon Capture and Storage) facility as a pilot project...

Click here for more information.

2,800 skilled jobs in Wales and North West as CCUS industry grows

Having received the green light from the Prime Minister to start construction of the Liverpool Bay Transportation & Storage network in April, the HyNet carbon capture cluster today (Tuesday 5 August) gets another boost, as new projects enter negotiations with government and industry to join the world-leading site.

This will support a total of 2,800 direct, skilled jobs in total – such as engineers and construction workers – and unlock growth and investment right across the HyNet network, which spans Cheshire and Flintshire.

New pipelines and manufacturing facilities will be constructed, and existing power plants will be repurposed to capture carbon emissions and store them safely under the seabed, reducing greenhouse gas emissions and tackling the climate crisis...

Click here for more information.

Beyond soil carbon: Boomitra launches first biomass carbon removal project.

Boomitra, a global carbon project developer and Earthshot Prize winner, has recently announced its first carbon removal initiative beyond soil carbon: a Biomass Carbon Removal and Storage (BiCRS) project in Botswana. The project addresses one of the region's most pressing land restoration challenges—woody bush encroachment—by transforming biomass from encroaching woody species into a durable climate solution.

The Oasis Biomass Carbon Removal and Storage Project uses a relatively low-tech, highly scalable approach to remove encroaching woody vegetation, process it into tightly sealed bales, and bury it underground in oxygen-free conditions to achieve 100+ year carbon permanence...

Click here for more information.

Events

11th - 13th September 2025
2nd Global Conference on Biofuels & Bioenergy
Valencia, Spain

CONFERENCE

Biofuels 2025 serves as a vital platform for researchers, academics, industry professionals, and policymakers to converge and exchange insights, innovations, and advancements in the realm of biofuels and bioenergy. With an extensive array of topics spanning from biorefineries to the sustainability of biofuels, our agenda encompasses the entire spectrum of this rapidly evolving field.

Attendees will delve into discussions on various generations of biofuels, exploring their production processes, applications, and environmental impacts. Furthermore, the conference will spotlight emerging trends such as biochar, bio-based chemicals, and the utilization of microbial genetics for enhanced biofuel production.

Click here for more information.

17th to 18th September 2025
Energy, Fuels and Decarbonisation Expo
Birmingham, UK

EXHIBITION CONFERENCE

Co-located alongside the UK's largest environmental event, we're here to help both private and public businesses from all sectors enhance their energy efficiency strategies, and accelerate their decarbonisation blueprints.

The event encompasses established energy technologies such as biogas, anaerobic digestion, compost, renewables, electrification of vehicles, energy from waste, and landfill management in addition to providing a platform for future technologies such as; Carbon capture storage (CCS), direct air capture (DAC), energy storage systems, hydrogen technologies, AI in energy management tracking and more...

Click here for more information

Register here.

25th - 26th September 2025
International Conference on Biomass
Vienna, Austria

CONFERENCE

Welcome to the International Conference on Biomass held on September 25-26, 2025 in Vienna, Austria! This conference will focus on the vital role of biomass in reducing greenhouse gas emissions, enhancing energy security, promoting sustainable agriculture,
and many more…. Join the conference and get to greet and meet global leaders, researchers, and advocates in the biomass sector.

The biomass market is expected to grow by 6-7% annually through 2030, there is an increasing demand for clean, renewable energy as countries strive to reduce carbon emissions and transition away from fossil fuels. Advances in technology and supportive government policies are making biomass applications in electricity production, biofuels, and biochemicals more accessible and affordable.

Click here for more information.

9th October 2025
UK Green Gas Day 2025
Birmingham, UK

CONFERENCE

The REA and CNG Services have been running the Green Gas Day since 2012. It is the largest industry gathering in the UK focused on green gases, covering biomethane and hydrogen, with over 200 people attending every year. This conference will be the perfect opportunity to hear how Government thinking has developed on how to support biomethane.

Emphasis on GHG emissions savings through carbon capture utilisation and storage (CCUS) will be covered, in addition to the greater requirements and improvements in the monitoring of fugitive methane emissions and the impact on GHG savings. Updates on the progress of biomethane for transportation will be provided along with novel solutions such using biomethane to provide a secure supply for new data centres...

Click here for more information.

13th - 17th October 2025
European Biomethane Week
Brussels, Belgium

CONFERENCE EXHIBITION

In the current geopolitical landscape, Europe stands at a pivotal moment to strengthen its leadership in biogases as a clean, circular, and competitive industry. Investing in biogas technologies not only boosts EU competitiveness but also ensures energy security, promotes circular economy goals, and addresses misconceptions around social acceptance.

This event offers a unique opportunity to break down barriers, improve market access, and foster collaborative efforts among industry leaders, policymakers, researchers, and civil society to meet the ambitious targets set for the sector.

Don't miss the chance to connect with a diverse range of stakeholders, gain valuable insights into scaling up the biogas industry, and discover the innovative potential of biogases and their wide-ranging applications. Join European Biomethane Week and become part of the solution in building a sustainable and resilient European bioeconomy.

Click here for more information.

4th - 7th November 2025
ECOMONDO - The Green Technology Expo
Rimini, Italy

CONFERENCE

Ecomondo is the key event for green and circular economy. It's the meeting place where industrial groups, stakeholders, policy makers, opinion leaders, local authorities, research bodies and institutions come together and put in place the key elements that define the strategies for the development of EU environmental policy.

The following kiosks are relevant to Bioenergy:

Waste as Resource – A1-6, B1-4 and C3-6

Bioenergy & Agriculture – B5-6 and D5

Click here for more information.

13th - 14th November 2025

9th World Congress on Biofuels and Bioenergy

Paris, France

CONFERENCE

The 19th World Congress on Biofuels and Bioenergy is set to take place on November 13-14, 2025, in Paris, France, bringing together global experts, researchers, industry leaders, policymakers, and professionals to explore the latest advancements, challenges, and opportunities in the field of biofuels and bioenergy. This highly anticipated event will serve as a crucial platform for knowledge exchange, collaboration, and networking among stakeholders committed to advancing sustainable energy solutions.

As the world shifts toward cleaner and renewable energy sources, biofuels and bioenergy play a pivotal role in reducing greenhouse gas emissions and achieving energy security. The 19th World Congress on Biofuels and Bioenergy will cover a wide range of topics, including next-generation biofuels, bioenergy policies, biorefineries, sustainable feedstocks, advancements in biofuel production technologies, and the role of bioenergy in combating climate change...

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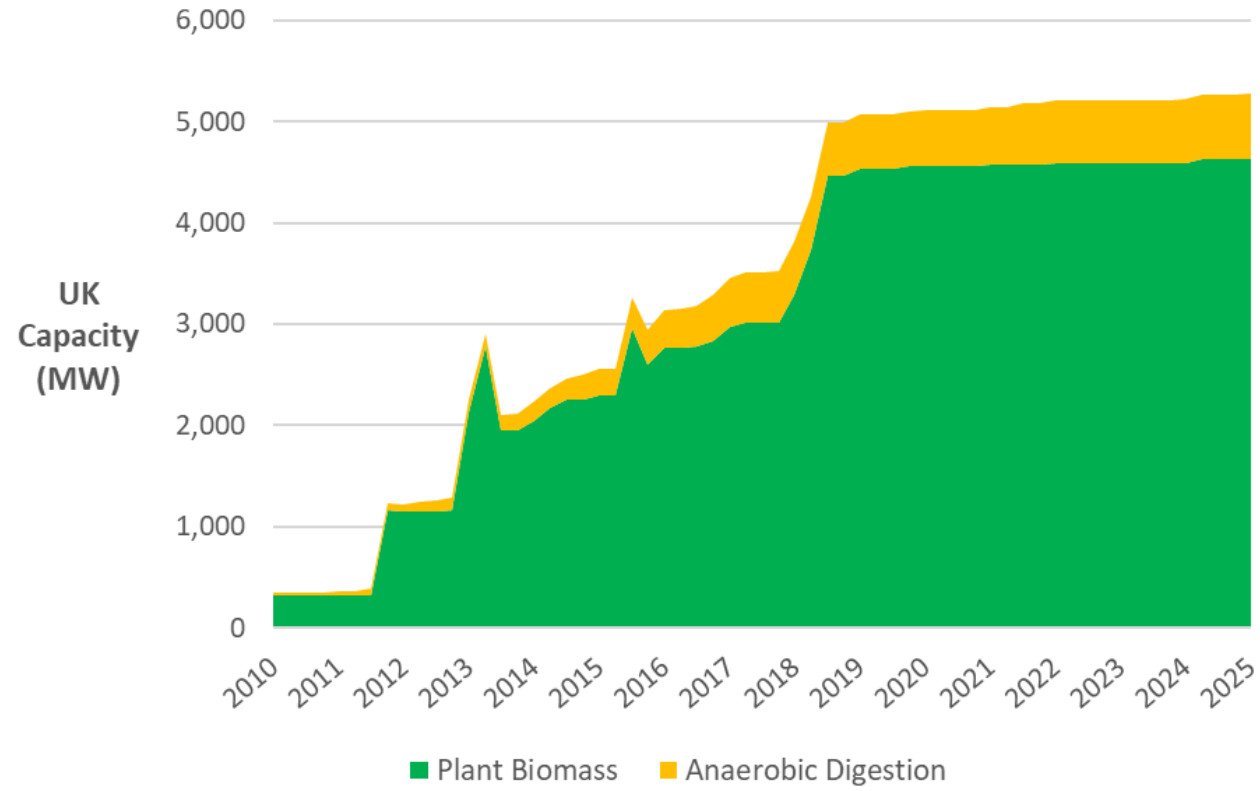
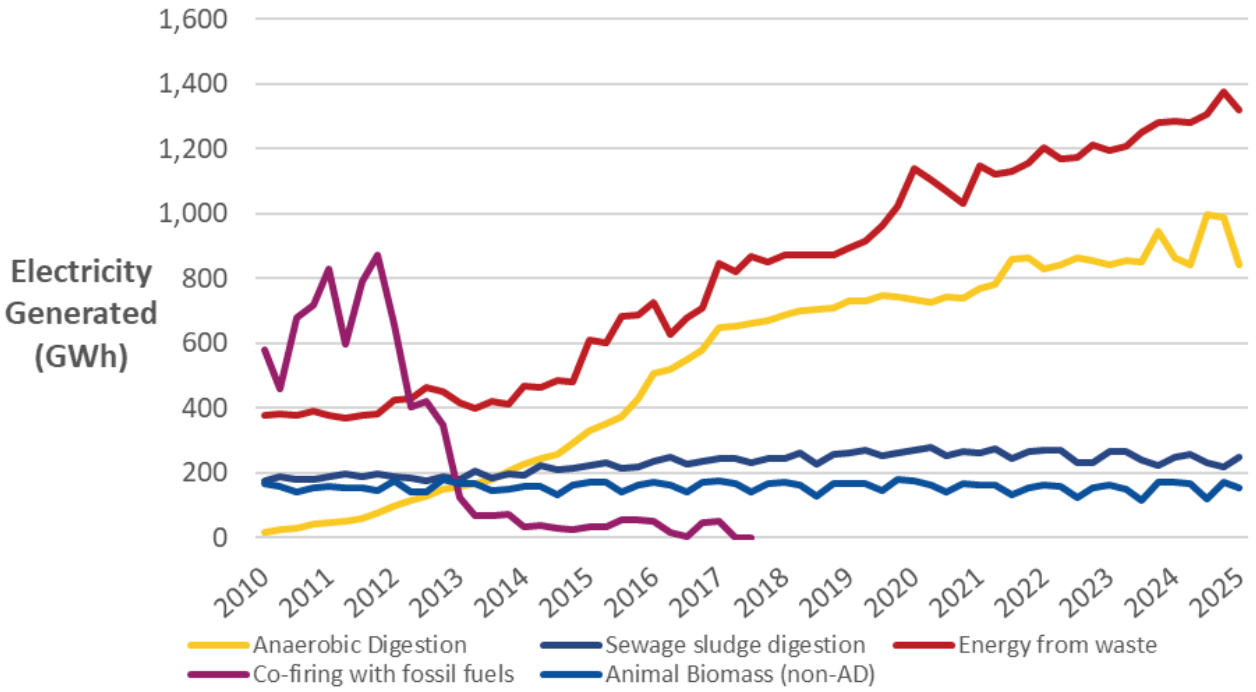
Deployed biopower capacity

Quarterly information on installed electricity generation capacity from plant biomass and AD (Office for National Statistics)



Quarterly information on UK renewable electricity generated from various bioenergy resources (Office for National Statistics)



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

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