ESTABLISHING THE AVIATION INDUSTRY’S PATHWAY TO NET ZERO

20 – 22 JUNE 2022

Mövenpick Hotel Amsterdam, The Netherlands
WHAT IS THE SUSTAINABLE AVIATION FUTURES CONGRESS?

A high-level event and 365 day community sharing brand new content, unrivalled networking and practical insights:

**TWO** days of industry content, panels and keynotes covering the most salient aspects of aviation decarbonisation

**365 DAY COMMUNITY**

Digital presence: Access to a 365-day online community, featuring training, content and market intelligence

**80** expert speakers from throughout the aviation value chain, from airlines to fuel producers

**10+ HOURS** of structured networking breaks and a digital matchmaking application

Networking opportunities with over **250** other attendees directly involved in sustainability decision-making in aviation

WWW.SAFCONGRESS.COM
The Sustainable Aviation Futures Congress has been developed in conjunction with over 100 aviation industry professionals and under the guidance of the Sustainable Aviation Leaders Advisory Board.

**SUSTAINABLE AVIATION LEADERS ADVISORY BOARD**

**DR. JOANNA BAULDREAY**
Joanna is a physical chemist with 30+ years industrial R&D experience supporting organisations worldwide, with a focus on jet fuel technical matters.

**JONATHAN WOOD**
Jonathan leads Neste’s Renewable Aviation business for the Europe/MEA region and is responsible for all activities relating to the sale and supply of Sustainable Aviation Fuel (SAF).

**DAVID GILMOUR**
David is currently acting as a Senior Advisor to Antin Infrastructure Partners. He previously led bp Ventures and was also Chief Operating Officer and Chief Executive of Air bp.

**NIKHIL SACHDEVA**
Nikhil Sachdeva is a Senior Manager at Roland Berger and Global Lead for Sustainable Aviation.

**JONATHAN PARDOE**
Jonathan is the Fuel Consultant for Star Alliance Services GmbH, covering 26 airlines globally for joint purchasing initiatives for a portion of their fuel procurement activity.
SAF has the potential to reduce carbon emissions generated by aircraft by up to 80% in comparison to the traditional jet fuels it will replace.

SAF production currently accounts for ~0.01% of annual aviation fuel demand, well short of some industry goals of 5% of jet fuel usage from SAF by 2030.

SAF production needs to increase enormously, from 100 million litres today to 449 billion litres in 2050.

Sustainable aviation fuels are predicted to make up 18% of aircraft fuel in 2030.

Research estimates that from a feedstock perspective, enough raw material is available to fuel all aviation by 2030.

The USA alone aims to produce three billion gallons of sustainable fuel, aiming to reduce aviation emissions by 20% by 2030.

Around 14 billion litres of SAF are already in forward purchase offtake agreements.

A proven solution - Over 370,000 flights have already taken to the skies using SAF since 2016.

Source: BNEF New Energy Outlook 2021
# The Program

A two-day showcase of cutting-edge, practical presentations, discussions and insights into sustainable aviation strategies via three separate streams.

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<th>DAY 1</th>
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| **Keynotes**  
Practical Strategies to Achieve Net Zero | **Keynotes**  
Pathways to Decarbonising Aviation | **Masterclass**  
The Business Case and Economics of Sustainable Aviation Fuels |
| Networking Lunch  
and One to One Meetings | Networking Lunch  
and One to One Meetings | |
| Sustainable Aviation Fuels Summit | Net Zero Airline Summit | Sustainable Aviation Fuels Summit |
| Policy and Regulation | Carbon Markets in the Aviation Sector | De-risking and Attracting Finance and Investment |
| Feedstocks: Pricing, Investment and Availability | Corporate Perspectives: Offtakers and End Users | New Technologies: Electric and Hydrogen Aircraft |
| | | Sustainability in Airline Operations and Airport Infrastructure |

Join the post-event workshop to develop an in-depth understanding of the business, technologies and economics of Sustainable Aviation Fuels.
SAF CONGRESS SPEAKERS

SPEAKERS IN FOCUS

David Morgan
Director of Flight Operations
easyJet

Captain David Morgan is Director of Flight Operations for easyJet. He and his team are responsible for the safe, efficient and sustainable operation of the airline’s flights across Europe, North Africa and the Middle East. David is also leading easyJet’s work to support the development of promising new technologies for zero-emission aircraft, including hydrogen-electric and hydrogen propulsion technologies.

Mariam Al Qubaisi
Head of Sustainability and Business Excellence
Etihad Aviation Group

As head of Sustainability & Business Excellence in Etihad Aviation Group, Mariam supported a pro-sustainability transformation within the organization, making it a thought leader in sustainable aviation focusing on cleaner fuels, operational efficiency and carbon offsets. She is an active sustainability expert serving taskforces within the GCAA, IATA and ICAO.

Thomas Fowler
Director of Sustainability & Finance
Ryanair

As the Director of Sustainability and Finance with one of Europe’s biggest airlines, Thomas is spearheading Ryanair’s Pathway to Net Zero by 2050. The airline aims to increase its use of SAF alongside decarbonising through technological and operational improvements, offsetting and introduction of better ATM.

Val Miftakhov
Founder & CEO
ZeroAvia

Val Miftakhov is the Founder & CEO of ZeroAvia, a company developing a hydrogen-electric powertrain for aviation as the only scalable solution for tackling the industry’s growing climate change impact. Val is an avid helicopter and airplane pilot, and a serial sustainable transportation entrepreneur.

Wineke Haagsma
Corporate Sustainability Director
PwC Netherlands

Wineke Haagsma is PwC’s Director of Corporate Sustainability. Wineke is responsible for the strategy and implementation of Corporate Sustainability, including initiatives related to the Sustainable Development Goals, circular economy, integrated dashboards, social enterprises and stakeholder engagement.
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<thead>
<tr>
<th>Name</th>
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<tr>
<td>Alejandro Rios-Galvan</td>
<td>Director – Sustainable Bioenergy Research Consortium</td>
<td>Khalifa University of Science and Technology</td>
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<td>Arvid Løken</td>
<td>Senior Advisor, Carbon Reduction Programme</td>
<td>Avinor (Oslo Airport)</td>
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<td>Brian McClean</td>
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<td>François Chazelle</td>
<td>Head of Sales Support, Safety Line</td>
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<td>Airport Regions Council</td>
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<td>Sue Yang-Krochmal</td>
<td>Investment Director - Next Gen Infrastructure</td>
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<td>Till Bunsen</td>
<td>Transport Research Officer</td>
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If you would like more information about speaking opportunities, please contact

**JAMIE DOWSWELL,**
Director, Sustainable Aviation Futures - Jamie.dowswell@greenpowerglobal.com
09:00 - Ramping up sustainability and achieving Net Zero aviation: Where are we now and where are we going?

- Analysing the role and progress of governments and international organisations in speeding up decarbonisation
- Reviewing the impact of COP26 on the aviation sector and predicting current and future shifts in policy, regulation, subsidies, incentives and schemes
- Is it a question of money? Evaluating the appetite for funding, investment and financing for decarbonisation in aviation
- Are aviation carbon markets, carbon credits and emissions trading schemes fit for purpose?
- Looking at SAF as a drop-in solution and its huge potential for the aviation industry
- Determining the complexity of measuring non-CO2 climate impacts and the uncertainty regarding trade-offs between the various impacts

Rosalinde van der Vlies, Director for Clean Planet, DG Research & Innovation, European Commission
Andreas Mundel, Senior Vice President Strategy & Innovation Programs, Deutsche Post DHL Group

11:15 - The road ahead for sustainable aviation fuels: Exploring long term offtakes, proven technology, and carrots and sticks

- Highlighting the critical components of SAF: Safe to fly, scalability, zero carbon footprint, net zero compatibility, availability and supply systems and cost-effectiveness
- Promoting confidence and driving SAF development via the strengthening of regional and national policies
- Exploring the question of feedstocks: Do we have enough and where will the next generation of feedstock come from?
- What mechanisms are planned to generate tradeable certificates across fuel types/uses?

Pat Gruber, CEO, Gevo
Jonathan Wood, Vice President Europe, Renewable Aviation, Neste
Maarten van Dijk, Managing Director, SkyNRG
Wim van der Zande, CEO, GIDARA Energy
Patrick Kongsbak, Head of Business Development, CM Biomass

09:45 - Airline perspectives: What are the short, medium and long term sustainability priorities?

- Mastering the balancing act between environmental and economic sustainability
- Underscoring the importance of scoring high on environmental performance to meet customer expectations for environmentally friendly travel
- Forecasting realistic timelines for the adoption of SAF in terms of pricing, availability and infrastructure
- Assessing long term fleet renewal requirements and identifying opportunities to incorporate more efficient and sustainable aircraft

Mariam Al Qubaisi, Head of Sustainability and Business Excellence, Etihad Aviation Group
Thomas Fowler, Director of Sustainability & Finance, Ryanair
Ann-Sofie Hörlin, Head of Sustainability, SAS
Rachel Delhaise, Head of Sustainability, Convex Insurance

12:00 - Keynote - Aviation Trends Analysis: The greener, the leaner and the dreamer

- Detailing the five key aviation trends for the next decade
- Assessing the post-COVID recovery of the aviation sector and reviewing potential future trends borne out of the pandemic
- Highlighting key trends in sustainability, carbon markets and operational efficiencies
- Analysing expected developments in green airport infrastructure and operations

12:45 - Networking lunch, structured meetings and one to one connections via the SAF App

The Sustainable Aviation Futures Program splits into two summits for the afternoon session
Stream 1 - THE SAF SUMMIT
Policy, Regulation & Feedstock Focus

14:00 - Regulation and policy landscape: EU, UK and Scandinavia

- Benchmarking the impact on aviation of the EU’s Fit for 55, RefuelEU and RED II policies
- Offering timelines and prospects for regional sustainability policies to be written into national legislation
- Reviewing the EU’s Emissions Trading Scheme (ETS) Mechanism
- An inside look at Scandinavia and the SAF initiatives being developed
- Determining the impact of the UK’s JetZero initiative and Renewable Transport Fuels Obligation (RTFO) for aviation

Ingrid Cherfils, Director Strategic Development and Management Department, Swedish Transport Agency
Henry Witt, Head of Sustainable Aviation Fuel Commercialisation, Low Carbon Fuels, Department for Transport (UK)
Matteo Mirolo, Sustainable Aviation Policy Officer, Transport and Environment
Chris Malins, Founder, Cerulogy

14:40 - Exclusive presentation and market insights by Gevo

Tim Cesarek, Chief Commercial Officer, Gevo

15:00 - Regulation and policy landscape: North America, APAC and the rest of the world

- Analysing the effectiveness of CORSIA and its implementation
- Explaining the USA’s national aviation policies and targets, including the Renewable Fuel Standard (RFS), the California Low Carbon Fuel Standard (CA-LCFS) and Sustainable Skies Act
- What new policies are included in Biden’s goal to increase SAF to 3 billion gallons by 2030?
- Assessing Canada’s Clean Fuel Standard (CFS) and its impact on SAF
- APAC in focus: Reviewing initiatives such as Singapore’s Green Plan 2030, New Zealand’s biofuels mandate and other regional policies that will drive sustainable aviation

Bryan Sherbacow, CEO, Alder Fuels

Stream 2 - NET ZERO AIRLINE SUMMIT
Aviation Carbon Markets and Customer Perspectives

14:00 - Beyond carbon: Delivering the roadmap to achieve True Zero in aviation

- Highlighting immediate solutions: What can be done today to move towards climate neutrality?
- Analysing the impact of Air Traffic Control (ATC) improvements and flight path variation to reduce emissions and minimise contrails
- Driving more sustainable and resilient air traffic management with initiatives such as the Single European Sky project
- Reviewing the importance of trajectory optimisation to remove contrails and balancing this with the potential impact on fuel consumption
- Improving aircraft efficiency and evaluating the impact and importance of upgrading to next generation aircraft fleets to reduce soot, particulates and contrails
- Providing a landscape of longer term solutions

Nikhil Sachdeva, Senior Manager, Roland Berger
Paul Williams, Professor of Atmospheric Science, University of Reading
Volker Grewe, Green Flight and Interdependency Modelling Lead, ECATS International Association

14:45 - Expert Insights: Corporate Net Zero targets, carbon reduction strategies and the role of carbon credits

- Investigating shifts in carbon trading, the regulatory side of carbon markets and emission abatement requirements
- Analysing key emission reduction strategies, including carbon auditing and consistently reviewing emission levels
- What is the larger role of CCS in contributing to aviation decarbonisation?
- Comparing the latest technologies for Direct Air Capture (DAC), carbon offsetting, removal and sequestration

Yasar Yetiskin, Senior Consultant, ICF
Helen Bray, European Policy Director, Carbon Engineering
15:40 - Are you grounded? Take off with drop-in SAF, enabled by JM and its partners.

Highlighting three innovative routes to sustainable aviation fuel production:

- Learn how JM’s HyCOgen™ solution enables the conversion of green hydrogen and captured CO2 into syngas for Fischer Tropsch processing
- Detailing how JM’s award-winning FT CANS™ process, developed with BP, efficiently converts syngas produced from waste, biomass, CO2, and green hydrogen into sustainable fuels
- Case study: Virent BioForming® converts biomass sugar feedstocks into renewable fuels

Paul Ticehurst, Senior Business Development Manager, Johnson Matthey

16:30 - SAF as a drop-in solution: Uncovering the latest R&D, feedstock and production pathways

- Production pathways: Comparing low-cost options for the future, eFuels / Power to Liquids (synthetic fuels), renewable hydrogen, renewable diesel and agricultural residues
- Assessing the latest improvements in emissions reductions and production efficiencies for SAF
- Analysing the role of Carbon Capture Utilisation and Storage technologies (CCUS) in the decarbonisation of the aviation industry and its role (beyond DAC) in emission reduction across various SAF production pathways
- Scaling up sustainable fuel production: Assessing how to ramp up R&D for local SAF production pathways, expanding sources of feedstock, and promoting stronger regulation of fuel quality, sustainability criteria and product registrations

Till Bunsen, Transport Research Officer, International Transport Forum (ITF)
Patrick Kongsbak, Head of Business Development, CM Biomass

15:30 - Networking break, structured meetings and one to one connections via the SAF App

16:15 - Offtaker and corporate perspectives: Adapting aviation to reduce carbon emissions and make business mobility more sustainable

- Highlighting the importance of providing corporate flyers with sustainable options such as green surcharges, corporate conscious miles and carbon offset options
- How easy is it for corporate entities to secure SAF offtake agreements themselves for their regional and global operations?
- Incorporating CO2 offset initiatives such as carbon labelling when booking flights, and looking for flights, using flight comparison tools
- What programs are airlines developing to meet the expectations of companies and help offset carbon emissions?
- Who pays? Promoting the need for developing business models and solutions which acknowledge the cost challenge and de-risk investment in sustainability

Efren Arellano, Manager Global Jet Fuel Procurement and Operations, Aeromexico
Wineke Haagsma, Corporate Sustainability Director, PwC Netherlands
Henrik von Storch, Team Lead Clean Operations, Deutsche Post DHL Group
Nicole Sautter, Manager of Global Sustainability, American Express Global Business Travel

16:45 - Networking break, structured meetings and one to one connections via the SAF App

If you would like more information about the tailored sponsorship opportunities available at Sustainable Aviation Futures, please contact

JAMIE DOWSWELL,
Director, Sustainable Aviation Futures
Jamie.dowswell@greenpowerglobal.com
17:15 - Feedstock analysis: Exploring supply, price fluctuations, investment in R&D and adapting to new technologies

- Feedstock today: Detailing an in-depth analysis of feedstock costs and levels of supply
- Feedstock alternatives: Are forestry waste, municipal solid waste, and algae viable options?
- Coping with price fluctuations: Assessing the impact of oil and gas prices and increasing competition from Asia and the US
- Reviewing supply chain challenges and getting feedstocks to where they are processed into fuel
- Timeline to price parity for SAF and reducing costs of feedstocks

Stephen Li, Director – Biofuels Value Chain Service (BVCS), S&P Global

17:45 - Future forward: Gearing up to adapt and develop supply chain, logistics and blending facilities for SAF

- Analysing potential improvements (and new challenges) in the SAF supply chain, including the development of onsite blending and testing, building pipelines and building supply routes to airports
- Evaluating the requirements to upgrade supply chains to meet evolving jet fuel standards including the provision of aircraft engines and other key components
- Avoiding fraud via rigorous standards of traceability and chain of custody of sustainable fuel
- Engaging with OEMs to collaborate on producing SAF, improve the process of securing approvals, and adapting existing fuel refineries and refining practices for co-processing to increase SAF production

Arvid Loken, Senior Advisor, Carbon Reduction Programme, Avinor (Oslo Airport)
Fokko Kroesen, Project coordinator TULIPS and Sr. Advisor – Sustainability, Royal Schiphol Group
Joanna Bauldreay, Principal, Bauldreay Jet Fuel Consulting Ltd

17:45 - End of Day 1 of Sustainable Aviation Futures

18:30 - End of Day 1 of Sustainable Aviation Futures

18:30 – 21:30 - Premium VIP Dinner

17:00 - Communicating green: What are airlines and corporate organisations really looking for when it comes to sustainability?

- The new normal: Highlighting the importance of incorporating sustainability into airline business activities as well as financial planning processes
- Corporate perspective: The growing importance of ESG and predicting its impact on employee travel in the next 5-10 years
- Promoting increased sustainable practices to drive customer loyalty and secure new customers for airlines and corporate organisations alike
- Highlighting the importance of driving initiatives to reduce waste and promote plastic free flights

Heather McGeory, Global Lead, Climate and Sustainability, APCO Worldwide

18:30 – 21:30 - Premium VIP Dinner

ACHIEVING AMBITIOUS SUSTAINABLE AVIATION GOALS OVER THE NEXT 25 YEARS WILL REQUIRE

- Construction of 5,000 – 7,000 new SAF production facilities
- An investment of over $1 trillion USD
- Creation of up to 14 million new jobs in the sector
PARTNERSHIP AND BRANDING OPPORTUNITIES

Sustainable Aviation Futures is not a trade show, it provides an intimate setting where all attendees and speakers are pre-qualified, the content is carefully curated, and the networking is structured.

The event provides a platform for businesses and organisations to promote their solutions and credentials on the pathway to decarbonisation and will feature extensive branding and thought leadership opportunities. Trust in us to position your company in front of 300+ aviation sustainability attendees.

We provide tailored sponsorship packages for technology manufacturers, fuel suppliers, airlines, service providers, consultants, and corporate brands.

WHAT KIND OF SPONSORSHIP OPPORTUNITIES ARE AVAILABLE?

- Thought leadership: Showcase your products and expertise during a presentation or panel discussion
- Branding: Promote your brand or logo on the event website, in all marketing communications, and live during the event
- Book a SAF Pod: We have a limited number of SAF Pods available to showcase products and services and coordinate meetings
- Educate prospective clients: Host a workshop or training session with a captive audience

If you would like more information about the tailored sponsorship opportunities available at Sustainable Aviation Futures, please contact

JAMIE DOWSWELL,
Director, Sustainable Aviation Futures
Jamie.dowswell@greenpowerglobal.com
09:00 - The economics of sustainability: Are decarbonisation initiatives, SAF and the post-COVID recovery compatible for airlines?

- Assessing and comparing strategies to cost-effectively scale innovation, efficiency and sustainability in the airline business
- Highlighting future and current technologies and innovations available to achieve both goals of decarbonisation and economic sustainability
- Reviewing how to improve the technical and operational feasibility of SAF to get close to price parity and reduce OPEX (and CAPEX) costs
- Emphasising the importance of government assistance and incentives and their impact on driving price parity for sustainable solutions like SAF
- Ensuring the development of proven end markets via strong regulation and added incentives to use low emission fuels and drive down costs
- How will fleet renewal costs and choices be impacted by more sustainable technology and innovations?

Patrick den Elzen, CEO and Founding Partner, Arena Aviation Capital

09:45 - Blue Sky Thinking: Brainstorming new technologies, innovations and creative ideas to decarbonise aviation in a world with no financial or regulatory restrictions

- Is there a silver bullet for decarbonisation? Analysing cutting edge R&D and innovative new potential technologies
- What aggressive strategies could be implemented to achieve 100% carbon free aviation within five years?
- New kinds of fuels: Are there alternative feedstock pathways that haven’t yet been considered for SAF?
- What kind of radical aircraft designs could speed up the development of alternative propulsion systems?

Alejandro Rios-Galvan, Director – Sustainable Bioenergy Research Consortium, Khalifa University of Science and Technology
Mario Vesco, Venture Manager, Sustainable Aero Lab

10:30 - Networking break, structured meetings and one to one connections via the SAF App

11:15 - An in-depth look at green hydrogen, synthetic aviation fuels and e-fuels

- Defining the terminology and actual meaning of synthetic aviation fuels
- Forecasting the future of hydrogen use in the aviation sector for fuel conversion and as a fuel in itself
- Assessing the potential for using green hydrogen to produce sustainable aviation fuel (SAF)
- Showcasing the latest technology, innovations and R&D in synthetic and e-fuels
- Reviewing the benefits of e-fuels and synthetics fuels, including carbon neutrality, reduced conflict from feedstocks, no sulphur and low particulate matter
- Assessing the criticisms and practicalities of e-fuels and synthetic fuels

Matteo Micheli, Senior Consultant for Hydrogen and Synthetic Energy Carriers, German Energy Agency (dena)

12:00 - Book and claim and the certification of sustainability: Authorising SAF usage to certify emissions savings

- How will Book and Claim differentiate between types of SAF, emissions reduction potential and different pricing structures?
- Assessing the suitability and effectiveness of frameworks such as the WEF SAF Certificate, RSB and SFC
- Developing an effective, accessible and verifiable book and claim system
- Comparing book and claim with mass balancing and understanding the differences
- Avoiding fraud, eliminating false bookkeeping, ensuring fuel traceability and running validation schemes
- Analysing the added benefits of book and claim, including credible accounting mechanisms and use of fuel at airports closest to production points
- Highlighting different models that airlines can use to purchase SAF and sell Scope 3 benefits to corporate clients alongside meeting voluntary emissions targets

Thomas Bock, Senior System Manager, ISCC System GmbH
Remona van der Zon, Director - Sustainable Strategy, KLM
Laura Hutchinson, Manager - Climate-Aligned Industries | Aviation, Rocky Mountain Institute (RMI)
Antoine Poulallion, Climate Strategy Manager - Global Internal Sustainability Team, Boston Consulting Group (BCG)
Arianna Baldo, Programme Director - Sector Lead Aviation, RSB

12:45 - Networking lunch, structured meetings and one to one connections via the SAF App
Stream 1 - THE SAF SUMMIT
De-risking and Attracting Finance and Investment

14:00 - Scaling up SAF: Highlighting strategies to successfully secure financing for SAF, attract capital for production scale-up and create a genuine market

- Detailing best practices for creating a business case, ticking the boxes to attract capital and expanding SAF capacity through loan guarantee programmes
- Strategies for de-risking early investment anxiety for new technologies and leaping over the valley of death
- Evaluating the establishment of SAF as an ESG asset class and evaluating options such as transition finance and green bonds
- Detailing the importance of avoiding uncompetitive environments and ensuring consistency in blend mandates to drive investment

Sarah Wilkin, Founder and CEO, Fly Green Alliance
Paolo Corvo, Partner, BF Partners
Sue Yang-Krochmal, Investment Director – Next Gen Infrastructure, Antin Infrastructure Partners

14:40 - Exclusive Presentation from Sasol ecoFT

Helge Sachs, Senior Vice President, Sasol ecoFT

15:00 - Technology deep-dive: Comparing SAF production pathways and technological innovations

- Which SAF, and when? Analysing timelines for the commercialisation of SAF from pathways including HEFA, e-fuels, Fischer Tropsch, Alcohol to jet and gasification
- Reviewing new technologies for SAF production from biobased feedstocks
- Analysing new innovations to commercialise e-fuel and hydrogen technology to reduce production costs
- Are there processes and technologies which can be replicated from the use of alternative fuels in other sectors such as road transportation?

Patrick Le Clercq, Head of Department Multiphase Flows and Alternative Fuels, German Aerospace Center

15:45 - Networking break, structured meetings and one to one connections via the SAF App

Stream 2 - NET ZERO AIRLINE SUMMIT
Alternative Propulsion Systems and Sustainable Operations

14:00 - Are we going to see an aircraft revolution? Analysing the latest viable tech and R&D for alternative propulsion systems and greener airplane materials

- Reviewing the latest research into and the certification of next generation aircraft, including unconventional and radical airframe designs, materials and energy sources
- Detailing the opportunities and solutions available for regional air mobility and short journeys
- Alternative options for small aircraft: Combining batteries with biofuels for smaller regional flights
- Assessing the feasibility of doubling the power-to-weight ratio of electric motors and increasing the power-to-weight ratio of power converters
- Analysing greener airplane materials, composites and coatings to improve sustainability

Jack Nicholas, CEO and Co-founder, Qdot Technology

14:45 - Hydrogen aircraft: Technology timelines, flight distance and infrastructure possibilities

- Determining timelines to introduce hydrogen technology into service, develop it and adapt the technological requirements
- How clean is hydrogen? Assessing water vapour, contrails and NOx associated with hydrogen fuel cells and combustion
- Design and certification for hydrogen aircraft: Assessing turboprop propulsion, blended wing body and hydrogen tank placement
- Investing in new hydrogen aircraft and deploying them for range appropriate flights
- Analysing the supply system for hydrogen and the challenges of rapid fuelling of aircraft at airports

Nikhil Sachdeva, Senior Manager, Roland Berger
David Morgan, Director of Flight Operations, easyJet
Val Miftakhov, Founder & CEO, ZeroAvia

15:30 - Networking break, structured meetings and one to one connections via the SAF App
If you would like more information about the tailored sponsorship opportunities available at Sustainable Aviation Futures, please contact JAMIE DOWSWELL, Director, Sustainable Aviation Futures Jamie.dowswell@greenpowerglobal.com

16:15 - Building SAF projects, overcoming the valley of death and removing barriers for project financing and investment

- Comparing the investment opportunities presented by different production pathways (e.g. solid waste gasification vs ethanol to jet vs Fischer Tropsch)
- Risk Management: Overcoming concerns with feedstock supply, technology risk and product supply security
- Analysing competition, pricing and access for feedstocks: What does the next 5-10 years look like?
- Highlighting the importance of mandates and loan guarantees that support demand and risk sharing for investments into facilities
- An investor’s point of view: Is it better to invest in a new technology, or a potential project?

Jean Paquin, President and CEO, SAF+

17:00 - SAF Global Project Landscape

In this quick-fire session, we will move across the globe to provide information on the SAF project landscape, including information on:

- The latest SAF and alternative fuel projects announced, in progress and nearing completion
- Detailed analysis of feedstock pathways and the split between biofuels and e-fuel infrastructure
- Listing the key players involved in project initiation and development, including producers, and offtakers

Giulia Squadrin, Associate Editor – Biofuels, Argus Media

17:45 - End of Day 2 of Sustainable Aviation Futures

16:15 - Operational efficiencies and improvements: The importance of decarbonised airline operations combined with environmental and condition monitoring strategies

- Engine performance optimisation to enable aircraft operators to reduce emissions, reduce costs and reduce fuel burn
- Aircraft environmental exposure: Breaking down flight-by-flight exposure analytics to manage the deterioration caused by flight operations in damaging environments
- Aircraft condition monitoring: Incorporating smarter fleet management to enable manufacturers and maintenance organisations proactively minimise maintenance cost and reduce emissions
- Analysing critical data to reduce costs AND carbon emissions
- Detailing airline operational improvement measures, such as aircraft weight reduction, best cruise speed adherence and continuous descent

Francois Chazelle, Head of Sales Support, Safety Line, SITA FOR AIRCRAFT

17:00 - The sustainable airport of the future: Exploring new ideas, innovations, technologies and infrastructure

- Analysing some of the leading sustainability initiatives being undertaken by airports to achieve decarbonisation alongside airlines
- Developing airport infrastructure to ensure SAF adoption and uptake: Who fits the bill?
- Exploring the use of Zero-emission airport vehicles, electric airport and charging infrastructure, and understanding the safety implications of their use
- Certifying that airport refuelling infrastructure can ensure that mixed SAF fuel remains within approved specifications and standards
- Creating hydrogen fuel and evaluating the latest projects in hydrogen fuelling

Sergi Alegre Calero, Director General, Airport Regions Council
Brian McClean, Director of Communications and Sustainability, AGS Airports

17:45 - End of Day 2 of Sustainable Aviation Futures
DOING BUSINESS, ESTABLISHING NETWORKS AND MEETING PARTNERS AT SUSTAINABLE AVIATION FUTURES

Here's a quick list of tools and features to help you NETWORK & CONNECT during the event:

8+ hours of structured networking breaks and lunches

SAF Congress Networking Breakfast

SAF APP: Digital networking application featuring details of every single event attendee

Dedicated networking zone with bookable space for meetings

Premium VIP Dinner to enjoy and socialise with other attendees

WWW.SAFCONGRESS.COM
WHO WILL ATTEND SAF CONGRESS?

Targeted at decisionmakers, every attendee is qualified and will feature attendance from throughout the value chain, including:

- Commercial airline operators
- Logistics and freight airline operators
- Government policymakers and regulators
- Large fuel producers and oil and gas majors
- Specialist biofuel and SAF producers
- Biofuel plant EPCs and consultants
- SMEs and aviation technology start-ups
- Aircraft and aircraft technology manufacturers
- Hydrogen and Electric aircraft OEMs
- Airports
- Financiers, investors and sponsors
- EPCs and engineering consultants
- Air navigation agencies / ANSPs
- Certification agencies and carbon auditors
- Fuel buyers, traders and terminal operators
- Fuel distributors, suppliers and pipeline owners
- Hydrogen fuelling infrastructure providers
- Academia and researchers sharing cutting edge R&D
- Law firms and strategy consultants
- Specialist SAF technology and service providers
- Technology and decarbonisation solution providers
- Corporates and passenger representation bodies
- NGOs and industry associations

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## Delegate Pass Options

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<tr>
<th>Pass Type</th>
<th>Benefits</th>
<th>Price</th>
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<tr>
<td><strong>2 Day Premium Pass</strong></td>
<td>- Access to 80 speakers and all streams of content&lt;br&gt;- Access to digital networking application and meeting planner&lt;br&gt;- Access to all networking lunches and coffee breaks&lt;br&gt;<strong>PLUS</strong>&lt;br&gt;- Access to Premium VIP Dinner on Day 1</td>
<td>EUR€ 1,999</td>
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<tr>
<td><strong>2 Day Basic Pass</strong></td>
<td>- Access to 80 speakers and all streams of content&lt;br&gt;- Access to digital networking application and meeting planner&lt;br&gt;- Access to all networking lunches and coffee breaks</td>
<td>EUR€ 1,799</td>
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<td><strong>1,399</strong></td>
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<td><strong>Workshop Pass Add-On</strong></td>
<td><strong>SAF Masterclass</strong>&lt;br&gt;One Day Masterclass providing an in-depth look at the pathways, policies, economics, and business case for Sustainable Aviation Fuels.</td>
<td>+ EUR€ 799</td>
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### 3 for 2 Group Discount Available
Book via safcongress.com for more details

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ESTABLISHING THE AVIATION INDUSTRY’S PATHWAY TO NET ZERO

JOIN 250 OTHER ATTENDEES IN AMSTERDAM THIS JUNE AND BENEFIT FROM:

- Live interactive networking with the entire aviation value chain
- 20 hours of practical business strategies and innovative solutions to net-zero aviation
- Expert-led content from 80 of the world’s leading authorities on aviation, sustainability, regulatory policy, biofuels and project finance

VISIT WWW.SAFCONGRESS.COM FOR MORE INFORMATION