

Fuelling the Future

The Sustainable Alternative Jet Fuels Initiative:
Emissions Reduction through Investment, Innovation

18 May 2019, TAG Farnborough Airport

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Farnborough (UK), 18 May 2019. Today at TAG Farnborough Airport, the global coalition of business aviation organizations behind the sustainable alternative jet fuel initiative joined forces to take the next important step in its journey to a lower carbon future.

Since the launch of the sustainable alternative jet fuel (SAJF) initiative and [Business Aviation Guide to the Use of Sustainable Alternative Fuel](#) in 2018, the SAJF story and the Business Aviation Commitment to Climate Change have gained global momentum.

Participating in the [EU Sustainable Energy Week](#) under the theme “**Shaping the EU’s Energy Future,**” global business aviation and community leaders discussed the path forward for the continued adoption of SAJF in Europe during a day-long, multifaceted event.

Aircraft from major manufacturers, such as **Bombardier, Gulfstream, Cirrus, Embraer, Piaggio, Dassault and Textron Aviation**, fuelled up on SAJF at airports across Europe and the United States—including TAG Farnborough Airport, England (EGLF); Caen - Carpiquet Airport, France (LFRK); Stockholm Arlanda Airport, Sweden (ESSA); and Republic Airport, Farmingdale, NY (KFRG) at Sheltair—for demonstration flights showcasing the viability of sustainable alternative jet fuel.

SAJF has been made available at these airports specifically for aircraft manufacturers and operators to collectively fly-in to Europe’s annual meeting place for the business aviation community, [EBACE](#) in Geneva.

Welcoming guests at the event, **EBAA Secretary-General, Athar Husain Khan**, said: *“Sustainable Alternative Jet Fuels are key in attaining our goals laid out in the Business Aviation Commitment on Climate Change. We stand ready and extend our hand to regulators, operators and media alike to help advise, inform and educate on the use of Sustainable Alternative Jet Fuel (SAJF), our commitment on Climate Change and our ongoing efforts to reduce our environmental impact.”*

CEO of TAG Farnborough Airport, Brandon O’Reilly stated in his opening address: *“As the first business aviation airport in the world to achieve certified carbon neutrality, we are proud to be hosting and participating in today’s event and welcome this initiative to provide Sustainable Alternative Jet Fuels. Along with our customers, we are eager to see efficient and cost-effective availability of this fuel.”*

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Also speaking at the event, **EUROCONTROL Director General, Eamonn Brennan**, added: *“Sustainable Aviation Fuels and airframe and engine technology improvements are key to aviation minimising its carbon footprint. Business aviation aircraft have no alternative to liquid fuel in the near and mid-term and in this regard SAF is the most promising near-term option. Already thousands of commercial flights have demonstrated that these fuels can work. The problem is, the cost of production is still too high for aircraft operators. The challenge of industry and above all governments is to establish clear long-term policy frameworks and find a way of funding transition costs of what is essentially a huge technological change in order to achieve the ICAO 2050 Vision for Sustainable Aviation Fuels.”*

The event clearly demonstrated three key points:

- **SAJF is safe and does not impact aircraft performance.**
- **SAJF offers great impact and benefits to the airport and the community, including reduced particulate matter.**
- **SAJF reflects the commitment by business aviation to aircraft carbon reduction.**

Kurt Edwards, IBAC Director General remarked, *“Business aviation continues to show the world its commitment to mitigating its contribution to climate change. Fuelling the Future at Farnborough demonstrates the industry’s strong interest in sustainable aviation fuel, an innovative technology available now. The initiative supports the 2009 Business Aviation Commitment on Climate Change and similar global efforts with other industry sectors and the International Civil Aviation Organization. Use of sustainable aviation fuels is a critical measure to address the global challenge of climate change.”*

Ed Bolen, NBAA President and CEO commented: *“The business aviation community has a long and successful history of innovation when it comes to reducing the industry’s carbon footprint. Sustainable Alternative Jet Fuels are a key element in this important effort, in Europe and beyond.”*

“With shared urgency, virtually all sectors across civil aviation are identifying opportunities and creating new paths to lowering emissions, be it through developing more efficient products or adopting new ways of operating. Business aviation shares this same commitment, and SAJF, represents an available and tangible solution that can make a measurable and impactful difference right now,” added **David Coleal, Chairman, GAMA Environment Committee and President, Bombardier Aviation.**

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“The Sustainable Alternative Jet Fuel (SAJF) message is being spread far and wide thanks to an ever-growing coalition of aviation business stakeholders. The National Air Transportation Association (NATA) and its members are proud to support efforts that demonstrate SAJF in practice and the commitment of our industry to corporate and environmental responsibility. Initiatives showcasing SAJF, like the launch of The Business Aviation Guide to the Use of Sustainable Alternative Jet Fuel, the Business Jets Fuel Green event in Van Nuys, the Fuelling the Future event in Farnborough, and the activities in Geneva at EBACE are greatly moving the needle for education and awareness. The focus now needs to be on making it easier for companies to produce SAJF to meet the demands of business jet owners. We urge our FBO and operator members worldwide to contact fuel suppliers and Original Equipment Manufacturers (OEMs) to answer any questions they may have regarding SAJF and to encourage its widespread use,” said **Gary Dempsey, NATA President.**

Guy Sawyer, Senior Director of Global Physical Operations in Aviation for World Fuel Services said *“We were an early supporter of alternative fuel technology, and now an industry leader in promotion and distribution of SAJF. We invested early and continue our full support on SAJF to reduce CO2 emissions. While SAJF is new to business aviation, we all have a responsibility to help drive its acceptance and utilization. We wholeheartedly encourage the use of SAJF and believe the TAG Farnborough event will help its profile for the benefit of the industry and the world by reducing CO2 emissions and utilizing a sustainable fuel product.”*
“Our industry’s ambitious carbon reduction targets will only be achieved with support from across the entire supply chain. Initiatives like this give operators direct exposure to sustainable aviation fuel, helping us to overcome obstacles to its adoption. At Air BP we believe it is important to keep working with multiple suppliers, customers and partners, and using expertise from across BP’s global organisation, to support the commercialisation of sustainable aviation fuel” said **Irene Lores, Global sales and marketing director, general aviation, Air BP.**

Manager of Alternative Fuels for Avfuel Corporation, Keith Sawyer said, *“Avfuel is proud to support the SAJF initiative with supply at FRG for more sustainable transatlantic flights to EBACE. Our team is committed to helping the industry achieve its goals of carbon neutrality—along with coalition organization leaders—and is pleased with the demonstrative progress that’s been made this year to prove SAJF can become a viable option for the industry. To further this initiative, the Avfuel team’s working to secure greater SAJF supply to champion one of the largest hurdles yet to the initiative—availability—along with securing operator commitments for SAJF to encourage production through greater demand.”*

Business aviation is stepping up to societal expectations around the world, and we call on policy-makers, business and community leaders in Europe to support the swift and ambitious deployment of sustainable alternative jet fuels.

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Learn more about the SAJF initiative and today's event at TAG Farnborough Airport at
<https://www.futureofsustainablefuel.com/media-room>

SAJF Coalition Members:

- [EBAA \(European Business Aviation Association\)](#)
- [NBAA \(National Business Aviation Association\)](#)
- [NATA \(National Air Transportation Authority\)](#)
- [GAMA \(General Aviation Manufacturers Association\)](#)
- [IBAC \(International Business Aviation Council\)](#)

About the Business Aviation Commitment to Climate Change:

Celebrating its 10-year anniversary this year, the [Business Aviation Commitment on Climate Change](#) lays out the goals our industry has set toward securing a carbon-neutral future.

The industry's commitment to emissions reduction centres around three goals:

1. A 2% improvement in fuel efficiency per year from 2010 until 2020;
2. Carbon-neutral growth from 2020 onward;
3. A 50% reduction in carbon emissions by 2050, relative to 2005.

We will meet these goals through advancements across four pillars:

- More efficient operations;
- Continuing infrastructure improvements;
- Market-based measures; and
- Technology, including the development of alternative aircraft fuels.

About Energy Days and EU Sustainable Energy Week:

Every year the European Commission (Directorate-General for Energy and Executive Agency for SMEs) organises the EU Sustainable Energy Week (EUSEW) – the biggest event dedicated to renewables and efficient energy use in Europe. This year's theme is 'Shaping Europe's energy future' and it covers four elements across the EU: The Policy Conference, Networking Village, EUSEW Awards and the Energy Days. Find out more on www.eusew.eu