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# Business Aviation and Sustainable Aviation Fuel

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# Overview

- Context
- Business Aviation Sustainable Alternative Jet Fuel Guide
- Recent Activity
- Next Steps

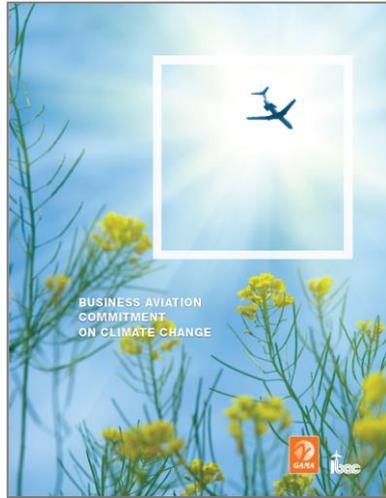




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# Context

- *Business Aviation Commitment on Climate Change (BACCC)* published in **November 2009**
- 3 Goals
- 4 Pillars to meet goals
- **SAF is a key component**





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# BizAv Industry

- About 35,000 turbine-powered aircraft globally
  - 20,000 turbofan & 15,000 turboprop aircraft
- Wide range and amount of operators – 17,000 to 18,000
- Very small fleets – 1 to 2 aircraft on average



## BizAv Industry (cont.)

- 7+ manufacturers with
  - 200 models/types in service;
  - approximately 60 models/types in production
- Operate mainly at reliever, regional, and small airports



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## Why Produce a Guide for BizAv?

- Increasing the industry's uptake of SAF is critical to support the ambitions of the BACCC.
- Consultation revealed lack of awareness and many questions.
- Answer questions and allay concerns of operators, fixed-base operators (FBOs), owners, pilots, fuel providers, airports about performance, safety and appropriateness of using SAF.



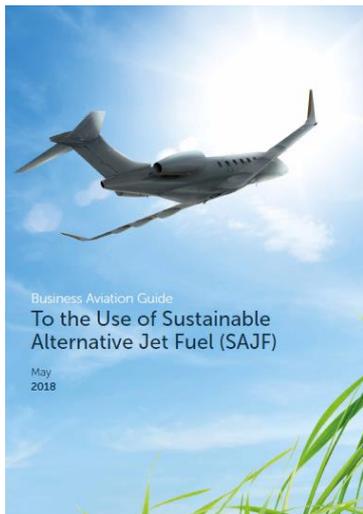
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# The Business Aviation Sustainable Alternative (Jet) Fuel Guide



- Launched May 2018 in Geneva
- Led by GAMA Environment Committee & Bombardier Business Aircraft
- Twelve-month consultation process
- Coalition of business & general aviation associations
- Supported by CAAFI, ATAG, Bombardier, Gulfstream Aerospace, Avfuel, World Fuel Services
- Guide also available on the ICAO GFAAF Portal





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## Business Aviation SAF Events

- First: Van Nuys Airport in Southern California, January 2019
  - 100+ attendees, 3 demonstration flights with media, 200+ aircraft benefitting from being fueled with SAF on the day
- Next: *Fueling the Future* at TAG Farnborough Airport, UK, 18 May, on eve of EBACE in Geneva
- Three other airports to make SAF available for aircraft traveling to EBACE: Farmingdale, NY; Stockholm Arlanda, Sweden; Caen Carpiquet, France
- To date, business aviation has used approx. 658,000 litres of SAF



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## Next Steps

- Further demonstration events – future locations TBC
- Continue to inform and advocate use of SAF at business aviation events and conventions
- Transition from demonstration events to more permanent availability of SAF at business aviation airports



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## In Conclusion

- Business aviation is committed to driving forward wider awareness and use of SAF.
- However, the momentum we are launching may be stalled if commercialization of SAF is not realized and sufficient supplies are not made available.
- To achieve this, business aviation needs assistance from a wide variety of stakeholders beyond the operator and manufacturing communities to ensure this happens, including governments, fuel producers/suppliers and feedstock producers.



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