SAF pocket guide for Corporate Customers
Sustainable Aviation Fuel (SAF) holds the key to decarbonize aviation by 2050.

SAF is a proven drop-in fuel that is being produced today and used in aircraft with no changes needed to the aircraft or infrastructure. This guide will explain how corporates can help to decarbonize aviation by purchasing SAF for your corporate travels.

STATE OF PLAY OF SAF IN 2022

- 450,000 flights
- 150 million litres per annum
- 57 airports distributing SAF
- $25 billion in purchase SAF offtake agreements

Reduction on overall emissions depends on the type of feedstock and blending ratio.

IATA, Net Zero 2050: sustainable aviation fuels Fact sheet

1 Reduction on overall emissions depends on the type of feedstock and blending ratio
2 IATA, Net Zero 2050: sustainable aviation fuels Fact sheet
SAF represents less than 0.1% of global fuel consumption. However, SAF can reduce up to 60% of global emissions. Technology (hydrogen and electric aircraft), and operations will complement more in the long-term.
1. Scale up SAF production

Leading companies and governments have set the goal for SAF to meet 10% of aviation's fuel needs globally by 2030. At least 300 plants are needed to achieve that.

2. Reduce the cost of SAF

SAF prices can range from two to nine times the price of jet fuel. For airlines to buy SAF and send a demand signal for investment in plants, we need to lower the cost.

3. Clear market signals from governments

To enable investment, governments need to send clear market signals through a mix of mandates and price incentives.

WHAT NEEDS TO BE DONE?

HOW CAN YOU HELP NOW?

You can purchase SAF for your corporate travels

It will signal demand and leadership while other business cases and long-term policy are developed.

Learn how you can purchase SAF. Go to our buying options >
Understanding Tracking and Verification Options

Mass Balance
Environmental attributes are carried with the physical fuel.

The SAF volume is physically measured before it is blended with the conventional fuel and added to the supply chain.

The original SAF volume is documented in every step of the supply.

Mass-balance tracking provides assurance that SAF delivery occurs and is also used to document that fuel certification and safety requirements are executed.

Book and Claim
Sustainability attributes are ‘de-coupled’ from the sale and transport of the physical fuel and tracked as SAF certificates.

‘Book and claim’ is a solution that allows airlines to purchase SAF without being geographically connected to a supply site, and to further transfer its sustainability attributes to their cooperates associates.

A robust chain of custody certification that guarantees full traceability and avoids the risk of double counting is therefore essential. Book and claim methodology is already in use in other sectors such as renewables, with the Guarantees of Origin (GO) in Europe or the Renewable Energy Certificates (REC) in USA. The Clean Skies for Tomorrow initiative, in collaboration with RMI and PwC Netherlands have recently launched the Sustainable Aviation Fuel Certificate (SAFc) Emissions Accounting and Reporting Guidelines. These guidelines propose a consistent and transparent book and claim methodology to account for the carbon benefits of SAF across the value chain including recommended accounting calculation methods and reporting procedures, for five key “personas” representing SAF suppliers, airlines, corporate travellers, private aircraft owners and operators and freight operators.

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Fossil fuel supplier
Fossil fuels

Fossil fuel supplier

Volume of SAF produced is withdrawn from the supplier mass balance and sold as fossil fuel

SAF producer

Once SAF is registered into the book and claim registry, it can be sold to airlines

SAF supplier

Fossil fuel

SAF

Airport A

Sustainability claim

No claim

Airport B

SAF used in Airport A is claimed by airlines (and their corporate customers) located in Airport B

1 Fossil fuel supplier

2 Fossil fuel

3 Sustainability claim

4 No claim

5 Volume of SAF produced is withdrawn from the supplier mass balance and sold as fossil fuel

The volume of SAF is registered into the ‘book and claim’ registry, it can be sold to airlines

1 SAF producer

2 SAF supplier

3 Airport A

4 No claim

The volume of SAF is registered into the ‘book and claim’ registry, it can be sold to airlines

1 SAF producer

2 SAF supplier

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4 No claim

The volume of SAF is registered into the ‘book and claim’ registry, it can be sold to airlines
Buying options

Identify which option is aligned with your business needs and targets

1. Airlines
Some airlines have launched programs to allow their corporate customers to buy SAF, stimulating demand while enabling companies to reduce their Scope 3 emissions.

SAF producers provide airlines with SAF certificates equal to the total amount of SAF purchased.

The airline then splits the SAF certificates among the participating companies.

2. SAF Producers / Retailers
Some SAF producers now provide firms with an option of reducing air transport emissions through direct SAF purchase.

Programme members select and commit to pay for an annual SAF volume based on their targets, with the SAF producer fronting the SAF premium to secure the product.

All delivery and emissions claims are verified by an independent third party auditor, with each member receiving an annual impact report.

HOW DOES IT WORK

1. Set your SAF ambition
2. Become a member
3. SAF produced and delivered to an airport/airline of choice
4. Carbon footprint reduction verified by a 3rd party auditor
Buying options *(continued)*

*Identify which option is aligned with your business needs and targets*

### 3. Buyers Alliance

Alliance of corporates to aggregate demand for SAF and accelerate standardization.

**HOW DOES IT WORK**

1. Join a SAF Buying Alliance
2. Invest in SAF - SAFc issued in the electronic registry
3. Combined RFP issued for SAF production
4. Certificates issued to buyers

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This pocket-guide will be supplemented soon with further information on:

- Considerations for purchasing SAF – including feedstock types and sustainability criteria
- Some of the different platforms and providers available to purchase SAF, to help make it easier for you