



Carbon Offset Program



Fueling the future with
sustainable solutions



Avfuel's Carbon Offset Program

As a leader in the global supply of aviation fuel and services, Avfuel is committed to helping the industry reach its carbon neutrality goals. As part of this initiative, Avfuel now offers a voluntary carbon offset program for its fueling partners.

What is carbon offsetting?

Carbon offsetting is a cost-effective process by which companies can cancel their CO₂ greenhouse gas emissions by purchasing carbon credits that invest in projects with a positive impact upon the environment, such as wind and solar energy, forestry and biomass.

What is a carbon credit?

A carbon credit is a certificate showing the offset of one ton of CO₂ from investing in a carbon offsetting project. When purchased, the carbon credit is “retired” from the registry—meaning it can never be bought, sold or claimed as emissions reductions by any other entity.





Why is carbon offsetting important to aviation?

Aviation currently accounts for 2% of the world's CO₂ emissions. Carbon offsetting is a pivotal way for our industry to cap those emissions—or even attain carbon neutrality—despite the inevitable creation of CO₂ during flight. Purchasing carbon credits will be required for operations falling under the Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA) requirements and may help companies attain their corporate social responsibility goals regarding emissions reductions.

What are the CORSIA requirements?

Operators flying international routes emitting 10,000+ metric-tons or more of CO₂ annually on flights between 74 participating nations (which will become all ICAO members beginning in 2027) must purchase carbon credits to offset growth above 2020 CO₂ levels beginning in 2021 (Phase in through 2030).

How does it work?

Your company can choose to purchase carbon credits to offset the carbon generated during a flight in three different ways.

1. Avfuel.com, you can choose to offset the carbon emissions for that specific flight.
2. Offset continuously on all Avfuel transactions.
3. Offset a bulk amount—however much you want, whenever you want—to meet your sustainability goals.

The number of carbon credits to offset your CO₂ will be calculated using the process described on the following page and the purchase will appear on your invoice.

Aviation accounts for
2% of the world's CO₂.

Start reducing by
offsetting.





How is the number of credits calculated?

Avfuel's carbon offsetting calculator utilizes an industry-standardized formula—measured in accordance with the Greenhouse Gas Protocol and the ISO 14064 standard, and based upon carbon dioxide emissions coefficients as assigned by the U.S. Energy Information Administration—to calculate the number of carbon credits required to offset your flight.

How is the carbon credit issued?

When purchasing credits for uplift directly through Avfuel.com, Avfuel will provide documentation on the carbon credits purchased and expired with your offset. Avfuel will issue this documentation with the specific carbon offset serial numbers purchased by your operation on a quarterly basis.

If carbon offset credits are purchased in bulk and not tied to a specific Avfuel fuel uplift, Avfuel will issue an invoice and provide offset documentation after receiving notification.

What do carbon offsets fund?

Purchasing carbon credits through a carbon offset program finances a myriad of different certified environmental projects worldwide, including renewable energy; waste management; forestry and agriculture; biofuels; energy and fuels technologies; biodiversity protection; sustainable development; and ecosystem protections.

When you purchase a credit, you provide the essential financial support for projects that directly reduce greenhouse gas emissions and would have otherwise not transpired.

What projects does Avfuel support?

Avfuel focuses on projects that involve forestry, wind power, solar power, surf and biomass. Because the number of carbon credits a project produces at a given time is finite, the specific projects we support periodically change. Each carbon offset documentation will specify the project for which it was created.



Carbon credits support projects that directly reduce greenhouse gas emissions



How are Avfuel projects accredited?

All projects supported in the carbon offsetting program meet the strict requirements of either the American Carbon Registry (ACR), Verra or Gold Standard. This ensures that full levels of due diligence and compliance are undertaken on the projects from which you purchase credits. This means the investment generated by every carbon credit you purchase is certified to be genuine and ultimately feeds directly into the environmental project.

What requirements do certified project-based carbon credits have?

To issue carbon credits, a project must be real, measurable, additional, independently verified and unique.

- **Real**—All emission reductions generated must be proven to have genuinely taken place.
- **Measurable**—All emission reductions must be quantifiable using recognized measurement tools and techniques within standard margins of measurement error with leakage taken into consideration.

- **Additional**—Emission reductions projects must be able to prove that the project is additional and would not have taken place without the help of carbon finance.
- **Independently Verified**—To provide sufficient guarantees to buyers, emission reductions should be verified by an approved independent third-party verifier with the expertise necessary in both the country and sector in which the project is taking place to provide an adequate level of assurance.
- **Unique**—Double counting is prevented through the use of registries that track ownership and eventual cancellation for regulatory compliance.

To Get Started, Contact:

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