

PRESS RELEASE

Offset flight emissions with aerops

Flying with your own aircraft releases climate-damaging greenhouse gases such as carbon dioxide (CO₂). Pilots can now use the mobile payment system aerops to compensate for emissions generated on the base of the annual fuel consumption of their aircraft by purchasing CO₂ certificates from Climate Partner. The proceeds go to a climate protection project in India, certified according to international standards, which produces renewable energy with solar power. The project involves the installation of PV solar modules in the three Indian states of Karnataka, Uttar Pradesh and Maharashtra and has a capacity of 225 megawatt hours. For every tonne of CO₂ offset there, a funding contribution flows into a regional Project. In Germany it is the afforestation project in the Harz Mountains.

Dresden, 06.02.2023: By working with Climate Partner, aerops enables its users to support climate protection projects by taking responsibility for the emissions caused by flying. With the purchase of CO₂ certificates, targeted climate protection projects are supported that help to reduce the carbon dioxide impact on the environment. "We are very pleased to have gained one of the leading providers and a trustworthy partner in Climate Partner, which enables us and our customers to make an active contribution to more climate protection," says Ralf Thormann, CEO at aerops.

Calculation based on flight hours

With the help of the type of fuel required by the respective aircraft and the hours flown, it is possible to quickly and easily calculate in the aerops app how much CO₂ one's own aircraft use produced in the past year. On average, a flight hour with a Cessna 172, for example, releases about 88 kg of CO₂, for which about 30 litres of fuel per hour are consumed on average, depending on the engine variant. For a flight distance of 300 km, the required compensation would be less than one euro. Since the billing is done in the form of certificates per tonne of carbon dioxide released, aerops offers its users an annual billing to offset the entire annual emissions. Otherwise, the transaction fees incurred would quickly exceed the amount required to offset individual routes.

Simple CO₂ compensation in the aerops app

aerops passes on the purchase price per tonne of CO₂ to its customers and only charges the transaction fees and costs incurred for participation in the programme, which are listed transparently in the invoice. After payment, pilots receive an official certificate from Climate Partner documenting their commitment to sustainable climate protection.



About aerops

Founded in Dresden in 2018, aeroPS GmbH is a leading provider of digital payment solutions in European air travel with aerops. In Germany, more than half of all registered pilots already use the mobile payment app aerops.pilot and more than 75% of smaller and medium-sized airports use the intelligent billing software aerops.ground for digital payment and billing of charges and ground services.

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