



Future50

Mobility and Transport

Low GHG Air Transport

SATAVIA

MAKING AVIATION GREENER

SATAVIA



<https://satavia.com/>

#ClimateTech

Headquarters:

United Kingdom

Middle East operational countries:

United Arab Emirates

Summary

SATAVIA is a climate tech software firm that provides a **market incentive for airlines** to manage the non-CO2 climate impact produced by **aircraft contrails**. SATAVIA claims to optimise flight plans for contrail prevention, quantify achieved climate benefit, and translate this into future carbon equivalent tradeable units.

Impacts

SATAVIA notes that contrail management is emerging as one of the leading solutions for tackling the aircraft sector's neglected non-CO2 climate impact. SATAVIA claims that its software can help **eliminate 60% of the aviation industry's climate impact, or 2% of all human-induced climate change.**^{295 296} SATAVIA is expanding this climate solution to help create a new voluntary carbon market that is expected to be worth up to US\$24 billion globally.²⁹⁷

Highlights

SATAVIA has signed a multi-year production contract with **Etihad**.²⁹⁸ It is claimed that the multi-year agreement is the world's first to incorporate contrail management into routine flight operations.

SATAVIA and Etihad have been recognised for their collaboration on contrail management by the **Air Transport World and Aviation Week**. They jointly received the prestigious 2023 **Eco-Technology Achievement Award**.²⁹⁹

SATAVIA is reported to have raised more than US\$2.5 million in equity finance.³⁰⁰ In 2022, the company entered into a partnership with **AirCarbon Exchange** to create the first carbon trade arising from aviation's non-CO2 impacts.³⁰¹

Strategic alliances:

- Universities
- Aviation Industry
- Airlines
- Airports

List impact technologies

Contrail Management, Flight Plan Optimisation, Radiative Forcing Management

