

EXPLORE THE FUTURE OF TRAVEL THAT PROMOTES FEWER EMITTING DECISIONS WITH THE CO, EMISSIONS ROUTEHAPPY ATTRIBUTE.



# CO<sub>2</sub> EMISSIONS POWERED BY IATA CO2 CONNECT:

Meeting the demand for airline carbon footprint transparency

116 kg CO<sub>2</sub> 142 kg CO<sub>2</sub>

201 kg CO

-42% emissions -28% emissions

Avg emissions -24% emissions

62%

of shoppers think it's extremely important to compare carbon emissions when flight shopping

Source: ATPCO annual shopper survey, Feb 2022

ATPCO's CO<sub>2</sub> Emissions is an easy-to-implement Routehappy Attribute that uses IATA's CO2 Connect fuel-based calculator to show precise carbon emissions data. IATA and ATPCO are collaborating to accelerate the adoption of CO<sub>2</sub> data while ensuring data accuracy and consistency across the travel value chain. IATA CO2 Connect, an industry-driven emissions data solution, is now available through Routehappy, the industry's trusted source for Attribute data.



#### Showcase transparent and consistent data

Enhance trust and reliability for flight shoppers by eliminating data discrepancies.



## Use evidence-based calculations

Unlike other data models based on distance, IATA CO2 Connect is time-based and enriched with actual fuel burn data, creating evidencebased accuracy.



### **Empower informed** choices

Accurate carbon emissions data empowers both agents and travelers to make informed flight choices based on their footprint.



#### Easy implementation

Quick access to carbon emissions data is seamlessly activated through the Routehappy API.



#### WHAT IS IATA CO2 CONNECT?

IATA CO2 Connect (ICC) is a precise carbon emissions calculation system developed by the International Air Transport Association (IATA) for the aviation industry. It uses real fuel consumption data collected directly from airlines, adheres to industry standards, and incorporates multiple factors, making it the most accurate method of calculation. Inputs include airline-specific fuel consumption data, airline-specific cargo weight, load factors, and cabin configurations.

- Receives actual operational data from around 60 airlines.
- Paired with other IATA and open market data sources, IATA CO2 Connect calculates fuel burn data for 75 aircraft types, representing ~98% of the active global passenger fleet.
- Considers traffic data from 881 aircraft operators, representing ~93% of global air travel.

### SMARTER CARBON CALCULATIONS = SMARTER TRAVEL DECISIONS

#### Time-based calculation (IATA CO2 Connect) Lowfare 10:00AM (LGW) > 12:50PM (CPH) 1h 50m Coach (T) Change fare/class Thu 17 Jun Thu 17 Jun Non-stop 75 kgCO<sub>2</sub>e AA2511 - 75kgCO <sub>2</sub> 9:55AM (LHR) > 12:45PM (CPH) Airline B Light 1h 50m Coach (T) Thu 17 Jun Thu 17 Jun Non-stop 80 Change fare/class kgCO<sub>2</sub>e BB502 - 80kgCO 2 W An opp

> 1:10PM (CPH)

Thu 17 Jun

2h

Non-stop

Basic

Coach (N)

View seats

Change fare/class

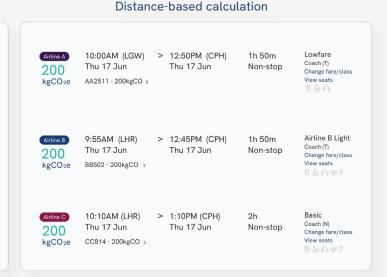
10:10AM (LHR)

CC814 - 86kgCO 2

Thu 17 Jun

86

kgCO<sub>2</sub>e



Join ATPCO in our commitment to supporting more informed flight decisions.

Want to learn more about the benefits of CO<sub>2</sub> Emissions? Contact us today





