



# ICAO Symposium on Non-CO<sub>2</sub> Aviation Emissions

16 — 18 September 2024  
Montréal, Canada

# Simone Lini

Head of Partnerships, Flights and Contrails EMEA  
Google

**At Google, we have an ambition  
to reduce 1 GT of CO<sub>2</sub>eq emissions  
annually by 2030**



**Empowering individuals  
to take action**

We're empowering people  
with information to make  
more sustainable choices



**Working together with our  
partners and customers**

We're working together with  
our partners and customers  
to advance technology for  
sustainability



**Operating our  
business sustainably**

We're showing the way  
forward through our own  
operations

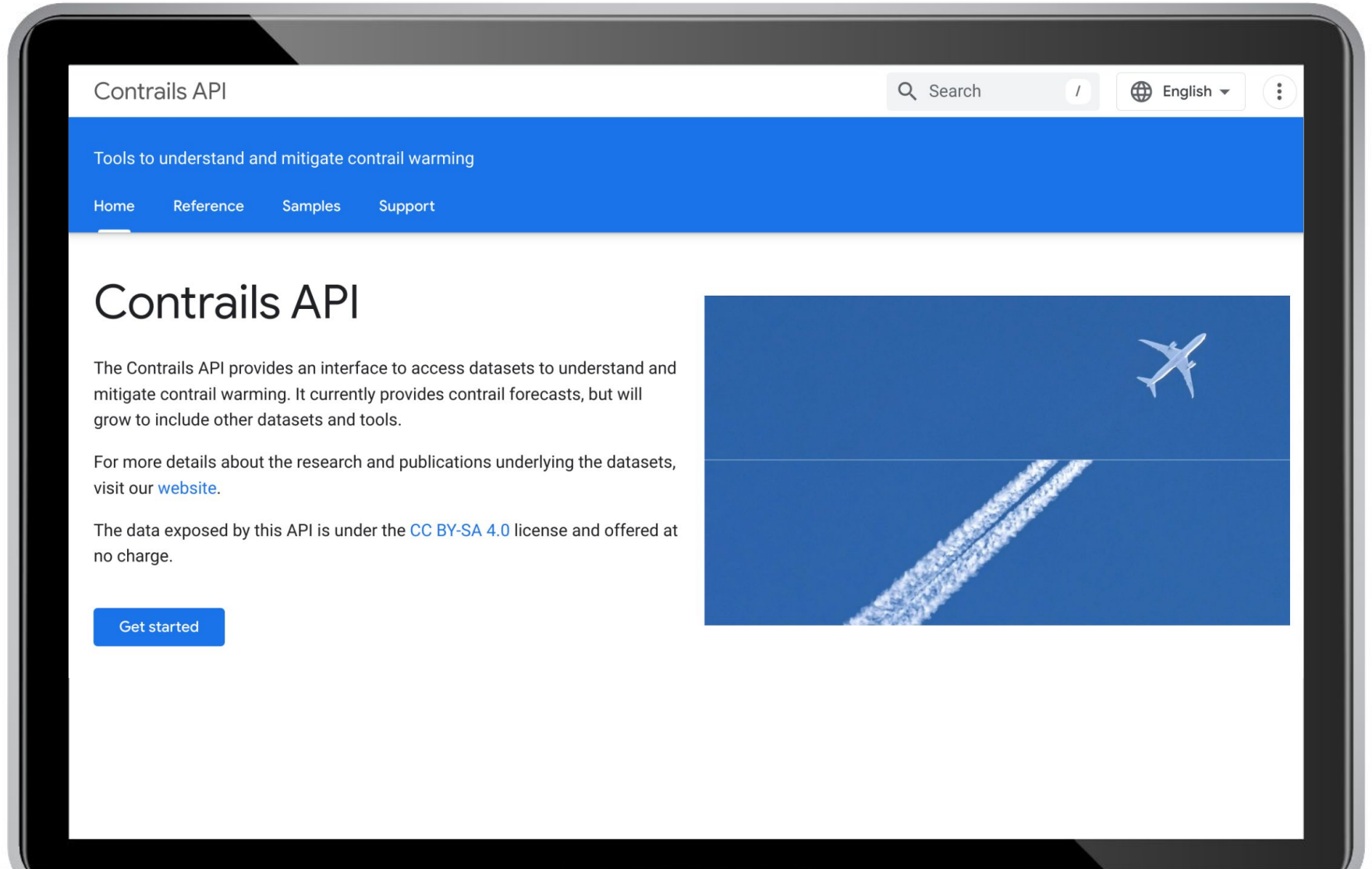


## The Solution

Google has developed contrail forecast maps using AI to determine where contrails are likely to form. Airlines can use that information to avoid forming contrails.

Google, American Airlines, and Breakthrough Energy tested these forecasts in a first of its kind flight test in 2023.

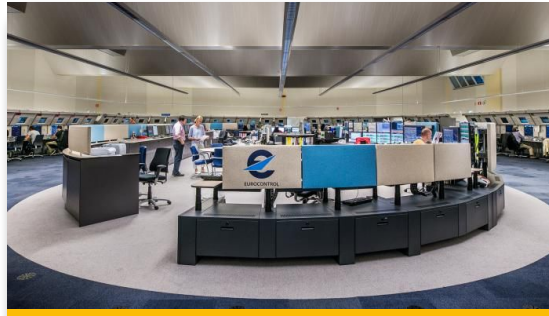




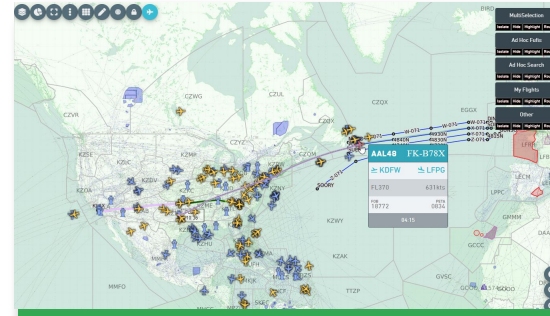
# We're eager to engage with the ecosystem



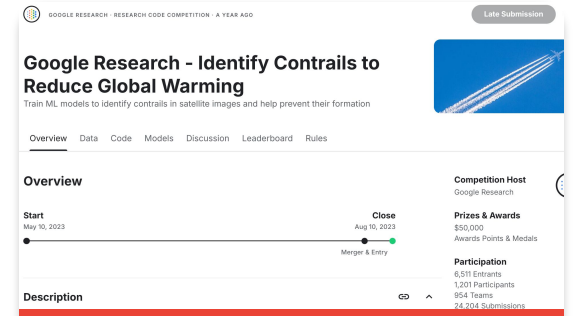
Airlines



Air Traffic  
Management



Flight Planning  
Software



Academia



# Thank You

