

More Sustainable Flight Gains Altitude in 2023

GE Aerospace made great progress and set numerous milestones in its pursuit of supporting a more sustainable aviation industry in 2023. Working with its partners, the company took many angles of approach, testing 100% sustainable aviation fuel (SAF), pioneering open fan engine architecture, and investing in hybrid electric technologies that may one day power the future of flight. Explore the highlights below.

100+

tests completed by CFM International¹ as part of its Revolutionary Innovation for Sustainable Engines (RISE) program



\$20M

investment in facilities and equipment to support increased hybrid electric engine testing at the Electrical Power Integrated Systems Center (EPISCenter) in Dayton, Ohio



1,000+

engineers at GE Aerospace and Safran Aircraft Engines supporting the CFM RISE program around the world



36,000



feet, the elevation at which NASA's DC-8 Airborne Science Laboratory conducted contrails research, measuring the impact of non-CO2 emissions while chasing the Boeing ecoDemonstrator Explorer powered by CFM LEAP engines



100%

drop-in SAF used in one of two GE90 engines in a Boeing 777 and in one of four Engine Alliance² GP7200 engines in an Airbus A380 — both demonstration flights operated by Emirates and both industry firsts

1 CFM International is a 50-50 joint company between GE Aerospace and Safran Aircraft Engines.
2 Engine Alliance is a 50-50 joint company between GE Aerospace and Pratt & Whitney.