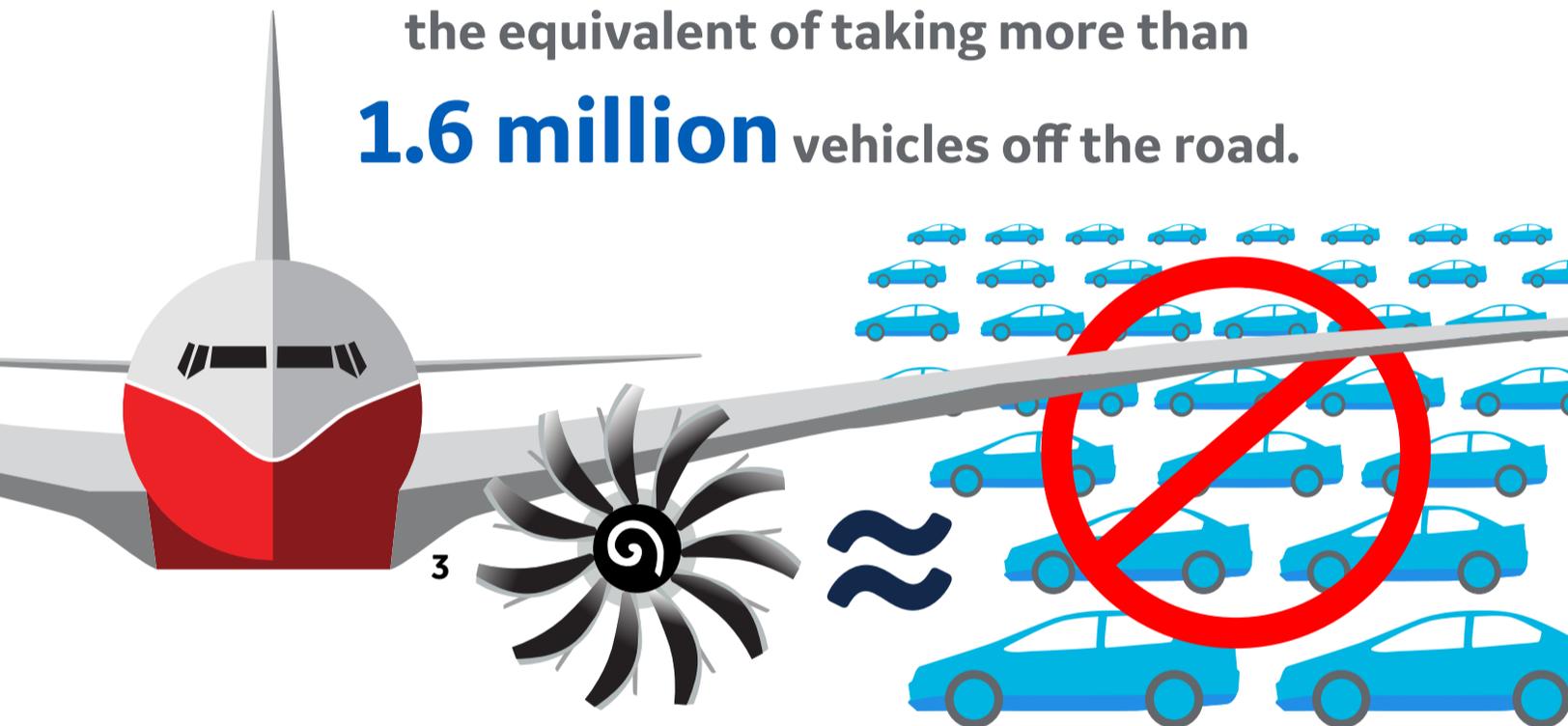


More Sustainable Aviation Is On The Rise

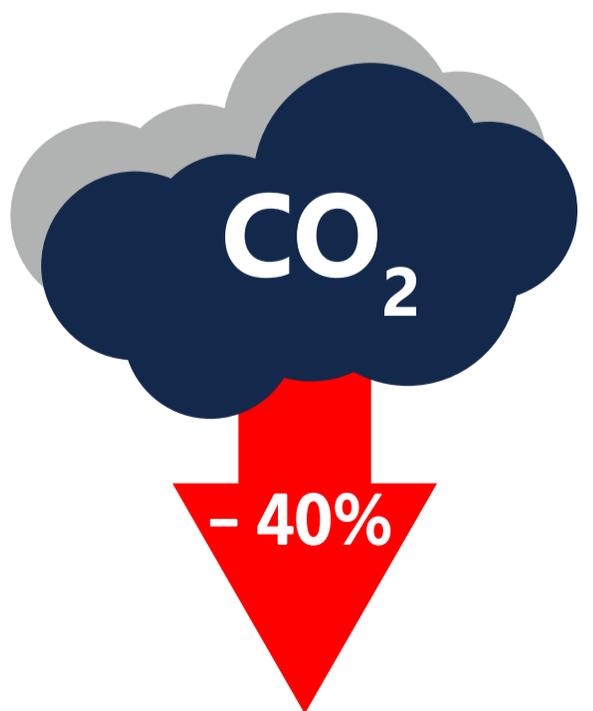
In June 2021, GE and Safran launched the CFM RISE¹ (Revolutionary Innovation for Sustainable Engines) program, which seeks to develop advanced technology to slash carbon emissions by 20% in comparison with today's most efficient engines. By mid-decade, CFM International plans to test an open-fan concept engine that would represent the single biggest step in decarbonization the company has ever taken.

Replacing just **10%** of the world's single-aisle aircraft with ones powered by an open-fan engine could save an estimated **8 million** metric tons of CO₂ per year, the equivalent of taking more than **1.6 million** vehicles off the road.



Since the 1980s, CFM engines have reduced CO₂ emissions by **40%** compared with the engines that were replaced.

Aviation produces around **2%** of total human-induced CO₂ emissions,⁴ and aircraft traffic growth could triple carbon emissions by 2050.⁵



That's why CFM is **acting now**.

¹RISE is a trademark of CFM International, a 50-50 joint company between GE and Safran Aircraft Engines.

²As of 2019. Flight data from FlightRadar24. Vehicle emissions data from the U.S. Environmental Protection Agency.

³CFM concept. Not representative of any defined future aircraft design.

⁴Source: Air Transport Action Group.

⁵Source: Environmental and Energy Study Institute.