

# Heart for the Planet

For years, Southwest has shown our Heart for the Planet by operating efficiently and respecting the environment. Environmental sustainability remains an ongoing priority for our future and we want to treat our Planet similar to how we treat our Customers – with genuine thoughtfulness that extends beyond takeoff and landing.

## Goals and Commitments

In 2021, we proudly announced our **long-term goal to achieve carbon neutrality by 2050**. We also shared a **near-term, 10-year environmental sustainability plan to maintain carbon emissions at 2019 levels while continuing to grow our operations**<sup>1</sup>.

### Reduce

Reduce our carbon emissions per available seat mile (including scope 1 and scope 2 emissions) by at least 20% (as compared with 2019) by 2030 through fleet modernization, route optimization, and other initiatives, excluding use of offsets<sup>2</sup>.

- In 2021 the Boeing 737 MAX 8, our most fuel-efficient aircraft, returned to service
- We have committed **\$10 Billion** to be invested in fuel efficient aircraft orders over the next decade

### Reduce



### Replace

Replace 10% of our total jet fuel consumption with Sustainable Aviation Fuel (SAF) by 2030.

- Established a partnership with Neste for **up to 5 million gallons** of SAF through 2023
- **Committed to offtake 219 million gallons** of SAF from Velocys through a 15-year agreement

### Replace



### Offset

Offset emissions by providing the first U.S.-based airline carbon offset offer with loyalty points, and for every dollar contributed toward offsetting Southwest's carbon emissions, Southwest matches the contribution<sup>3</sup>.

- **Offset your next trip on Southwest by scanning the QR below, or visiting: <https://www.southwest.com/carbon-offset-program>**
- Launching the Green Incentive Program, a Southwest Business performance-based incentive program that provides corporate Customers the opportunity to earn and use funds for their company's sustainability initiatives, which could include offsets or other initiatives.

### Offset



### Partner

Partner with different organizations and nonprofits whose work complements our efforts to improve environmental sustainability

- Made a \$10 million commitment to Yale University's Center for Natural Carbon Capture and Yale's School of the Environment to fund activity at the center to research and explore innovative solutions to mitigate net greenhouse gas emissions.
- Joined the Aviation Climate Taskforce (ACT) to aid in the acceleration of breakthroughs in emerging technologies needed to decarbonize the aviation sector.
- Partnered with National Renewable Energy Laboratory (NREL) for sustainable aviation fuel development.
- Expanded our Repurpose with Purpose program to creatively divert seat leather from landfills, while creating meaningful social enterprise.

### Partner



We intend to align these goals with the U.S. Climate Action Plan, the Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA), and industry greenhouse gas emissions targets outlined by Airlines for America (A4A). Our Reduce, Replace, Offset, and Partner pillars represent important next steps in our journey.

Offset your next trip!



**Factoids as of December 31, 2021**

- **1450+** electric-powered ground service vehicles in service
- **100%** of our corporate campus electricity use is from renewable sources as of May 2021
- **144,000** pounds of seat covers donated during 2021.
- **22%** of total waste recycled during 2021.
- Fuel saving initiatives saved an estimated **7.5 million** incremental gallons, and our fuel efficiency (measured in available seat miles (ASMs) per gallon) increased by 4.6% compared with 2019 levels.
- All of our aircraft are equipped with Required Navigation Performance (RNP) Use of RNP approaches in 2021 saved more than 750,000 gallons of fuel in 2021 alone.



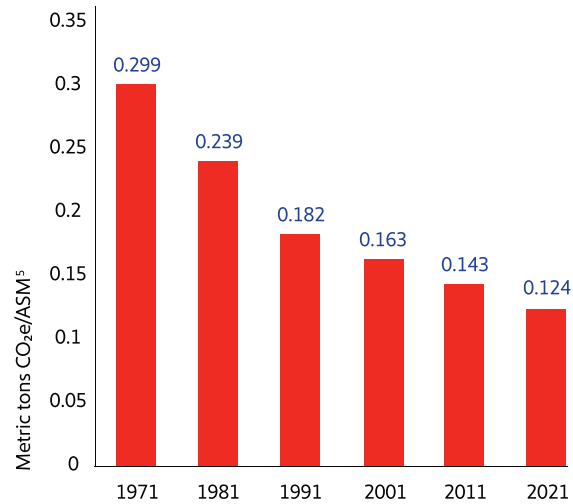
**A History of Efficiency**

Our focus on efficiency and promoting a healthy Planet isn't new. Check out some of our long-term progress as we seek to achieve our vision of being the world's most loved, most efficient, and most profitable airline.

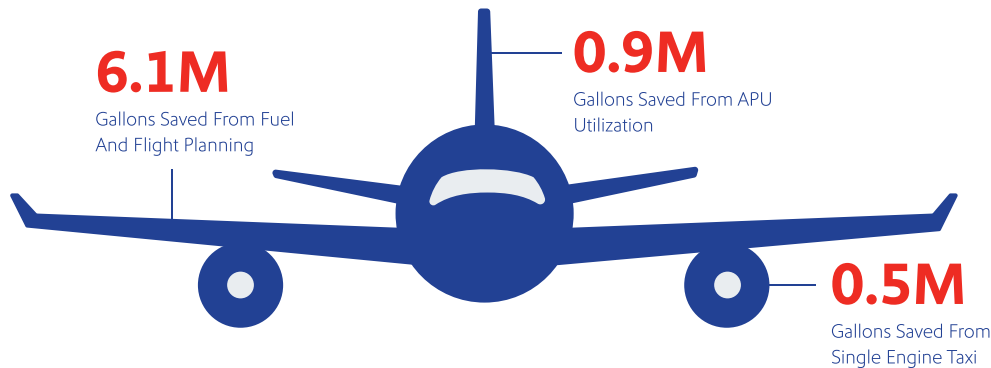
- Through such improvements in fleet efficiency, flight optimization, and operational efficiencies, our jet fuel emissions per ASM have reduced 59% since 1971, and in the past twenty years alone our fuel efficiency (ASMs/gallon) has improved by 32%.
- In 2019 we implemented our Central Monitoring Initiative to minimize APU use to reduce fuel consumption and cost.
- Since 2017 we have diverted 12,893 tons of waste from landfills

Since 2002 we have invested more than \$632M in fuel efficiency improvements (excluding new aircraft purchases).

**Historic Jet Fuel Emissions Intensity**



**2021 Incremental Jet Fuel Conservation<sup>4</sup>**



Check out the One Report



Visit our Citizenship page



Endnotes

1. <https://www.swamedia.com/releases/release-6fa137b626d66e44c10f2d1ad01c46e8-southwest-airlines-announces-10-year-environmental-sustainability-plan>
2. Scope 1 and 2 emissions as compared with 2019, excludes the use of carbon offsets, includes the use of sustainable aviation fuel and other initiatives.
3. Taxes and fees will not be matched by Southwest or earn points. Rapid Rewards<sup>®</sup> Members can earn 10 Rapid Rewards bonus points per dollar contributed towards the purchase of offsets for Southwest up to a maximum of 500 Rapid Rewards bonus points per month. Points will only be awarded to the Rapid Rewards Member's Rapid Rewards account number entered at the time of the carbon offset transaction. All offsets will be retired in the name of Southwest Airlines Co. Terms and conditions apply.
4. Incremental fuel savings compared to 2020.
5. Calculated as CO<sub>2</sub>e emissions resulting from our fleet's scheduled service jet fuel consumption for the years shown.