OUR CARBON IMPACT

Alaska has invested in efficiency and innovated new technologies to reduce the climate impact of our flights. Over 99% of our core climate impact is created by our use of jet fuel, and we are focused on reducing it by upgrading our fleet, leading in operational efficiency, reducing our impact with sustainable aviation fuels, and innovating in new propulsion technologies.

Here are a few examples of our efforts so far:

WINGLETS

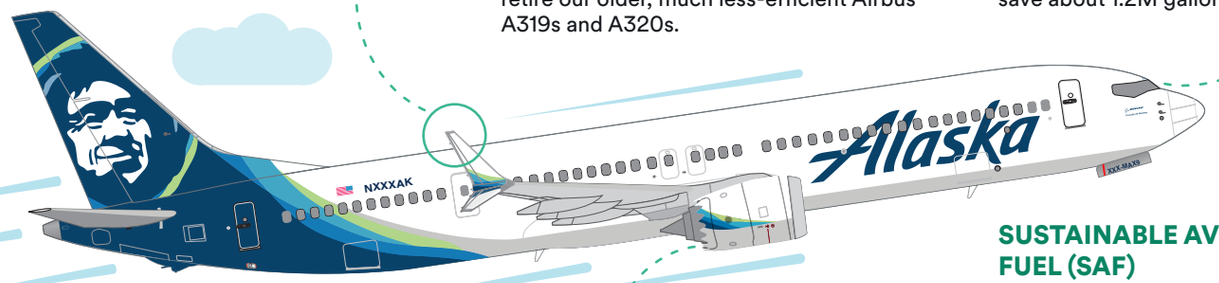
To further reduce the carbon impact of our aircraft, Alaska retrofitted all possible 737s with winglets (turned up extensions at the tips of the wings) in 2017. These increased our fuel efficiency 3% to 5%.

INVESTMENTS IN EFFICIENT AIRCRAFT

Alaska Airlines' new Boeing 737-9 MAX jets and Horizon Air's Q400 turboprops are the two most fuel-efficient aircraft in their respective classes. Our commitments to buy additional 737-9 MAXs allow us to retire our older, much less-efficient Airbus A319s and A320s.

MORE EFFICIENT FLIGHT NAVIGATION

Required Navigation Performance (RNP) and Wide Area Augmentation System (WAAS) technology use satellites and onboard computers to fly more precise approaches, enable landing in low-visibility weather, and save about 1.2M gallons of fuel per year.



SUSTAINABLE AVIATION FUEL (SAF)

Alaska and Horizon have been advancing and promoting the development and use of sustainable aviation fuels in the Pacific Northwest. In 2011, we were the first domestic carrier to fly multiple scheduled routes powered by a SAF blend, and we are using blended SAF regularly in San Francisco.

SINGLE ENGINE TAXI

We reduce our impact by taxiing with one engine as often as possible, where conditions and our aircraft allow.

GROUND SERVICE EQUIPMENT

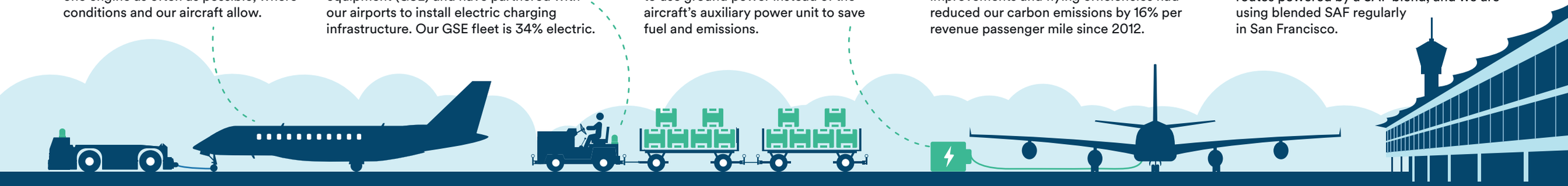
We have invested in electric ground-service equipment (GSE) and have partnered with our airports to install electric charging infrastructure. Our GSE fleet is 34% electric.

GROUND POWER AT GATES

When we arrive at the gate, we strive to use ground power instead of the aircraft's auxiliary power unit to save fuel and emissions.

CARBON EMISSIONS

By 2019, Alaska Air Group's fleet improvements and flying efficiencies had reduced our carbon emissions by 16% per revenue passenger mile since 2012.



JOIN US...

USE OUR APP.

Go paperless by using our award-winning app to board your next flight using a digital boarding pass. Millions of guests use mobile boarding passes each year to streamline their travel experience and reduce our use of paper.

PACK LIGHT.

Be conscientious when packing for your trip. Each pound makes a difference to our CO_2 emissions. If each passenger packed **5 lbs. lighter**, it would decrease our CO_2e emissions by **11,800 metric tons** each year.

#FILLBEFOREYOUFLY

Help us reduce inflight waste by bringing a refillable water bottle to the airport and fill it up once you're past security. If just **10% of our guests** brought a pre-filled water bottle it would save **680,000 plastic bottles** per year.

OFFSET YOUR FLIGHT.

Join us and leading airports in reducing the climate impact of travel by choosing credible carbon offsets through The Good Traveler program. This collaboration between airports and Alaska helps guests invest in local carbon reduction projects.

HELP OTHERS.

Help us support charities and people in need in the communities we serve by donating your miles. In 2020, our guests donated **66 million miles** to help organizations like the Nature Conservancy, UNCF, and Make-A-Wish.