



We're making history by making our carbon history.

Last year, we pledged to become 100% green by reducing greenhouse gas emissions by 100% by 2050 – our most ambitious step toward a sustainable future. Read how we're going beyond traditional carbon offsets and taking a more direct approach to making sustainable aviation the norm.

At United Airlines, we have navigated the tides of doing business in our ever-changing world, committing to innovation every step of the way. When we look at the challenges we have overcome in the past, and look at the ones that lie ahead, we see the ever-growing need for responsible leadership in creating environmental initiatives. We recognize United's role in climate change; therefore, we are committed to creating sustainable solutions to make a lasting impact on modern-day air travel.

Going beyond carbon offsets

We've looked at the current state of air travel and the greenhouse gas (GHG) emissions that come with it. While purchasing carbon offsets helps, it doesn't target the source of the problem: the use of fossil jet fuel. Our approach is technology driven, focusing on a three-prong strategy toward decarbonization:

- Reducing our emissions by implementing operational efficiencies and scaling low-carbon sustainable fuels
- Removing carbon emissions by investing in carbon capture and sequestration
- Innovating to drive the next generation of decarbonization solutions

We have been an industry leader in emissions reduction and sustainable aviation fuel (SAF) deployment. This goes back to 2009, when we became the first U.S. airline to operate a SAF test flight. Since then, we have made the single largest SAF investment to date - with \$30 million in biofuels producer Fulcrum BioEnergy in 2015 - and starting our continuous use of SAF on flights out of our Los Angeles hub in 2016. Most recently, we announced a joint investment with Honeywell

in Alder Fuels, which plans to produce carbon negative fuels, coupled with the largest publicly announced SAF agreement in aviation history - purchasing 1.5 billion gallons of SAF produced by Alder over 20 years.

Looking beyond the scaling and use of SAF, we view carbon capture as a key pillar toward decarbonization, as it is a technology mechanism that can answer for carbon that has already been emitted into the atmosphere. Carbon capture is largely viewed as a necessary step to the elimination of GHG, and United announced it intended to make a multi-million dollar investment in direct air capture technology that can capture, remove and store 1 million metric tons of CO₂ from the atmosphere per year - that's the work of 40 million trees! Paired with other decarbonization technologies, like SAF - produced from renewable resources and waste products - we can build a technology-based pathway to help us accomplish carbon-free air travel.

And, finally, our focus on innovation extends past just supporting novel technologies to scale SAF and carbon capture, but also to different ways of looking at flying! We recognize other companies are already doing the good work and should be



We're taking our fleet to new heights

We recently announced the largest aircraft purchase our industry has seen in a decade. By 2023, we'll be adding an average of one brand-new plane to our mainline fleet every three days. Each new aircraft will be outfitted with United's signature interior, which includes Bluetooth connectivity, in-seat power, seatback entertainment at every seat and larger overhead bins.

The new signature interior will be on board our new planes as well as retrofitted on all other narrow-body planes planned by 2025.

supported for their efforts. Innovation and forward-thinking drives our commitment to improving the travel experience for customers by investing in new technologies and sustainable solutions. Through United Airlines Ventures, we're empowering and supporting emerging companies as they lead and innovate in the sustainability, aerospace and technology sectors - optimizing how airlines operate.

Partnering up to achieve our goals

We're on a mission to make sustainable aviation the norm, a feat we know we can't achieve without partnering with innovative and sustainability-oriented companies.

Earlier this year, we announced the Eco-Skies Alliance, a first-of-its-kind program involving global corporations working with United to help power flying in a more sustainable way. This innovative program offers our corporate customers the opportunity to reduce their environmental impact and help us make sustainable aviation the industry standard. This group of leaders recognizes the need for bold action to accelerate solutions that decarbonize aviation.

The Eco-Skies Alliance program allows corporate customers the opportunity to pay the additional cost for sustainable aviation fuel (SAF). This contribution goes beyond traditional carbon offsets and will show there is demand for low emissions fuel solutions.

We're on the right path

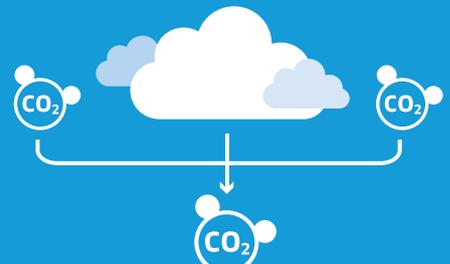
Our investments, forward thinking, and commitments to the environment have not gone unnoticed. In 2020, United Airlines was named the only airline globally to CDP's Climate 'A' List for our actions to cut emissions, mitigate climate risks, and develop the low-carbon economy. This year, we are honored to be recognized for the industry-leading steps we have taken to decarbonize air travel by Air Transport World as its Eco-Airline of the Year.

Be part of the change

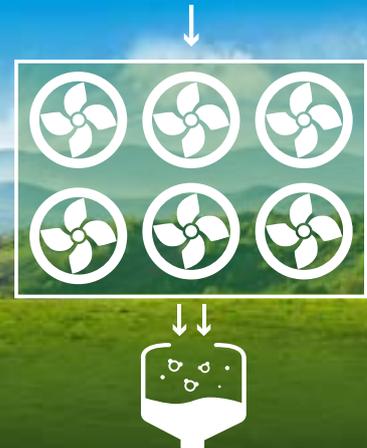
These new ideas are a product of the innovative thinking that is at the core of United's culture, and it's never been more important or more timely for us to apply this expertise to help save our planet. We're taking real and meaningful action to create a better world for future generations, and our innovations are just more proof points that we're leading the pack on climate change. To learn more, visit united.com/100green.

How does carbon capture and sequestration work?

Direct Air Capture is a technology that captures carbon dioxide directly from the air so it can be buried deep underground or reused.



Giant fans continuously pull in atmospheric air, then a chemical reaction extracts the CO₂ molecules and traps them in a non-toxic liquid solution.



The CO₂ is then put through a series of chemical processes, compressed, purified and pumped into the ground and sequestered permanently or reused.



Capturing and sequestering carbon using Direct Air Capture technology is similar to what trees do as they photosynthesize but this process is much faster.



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Facility

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Trees