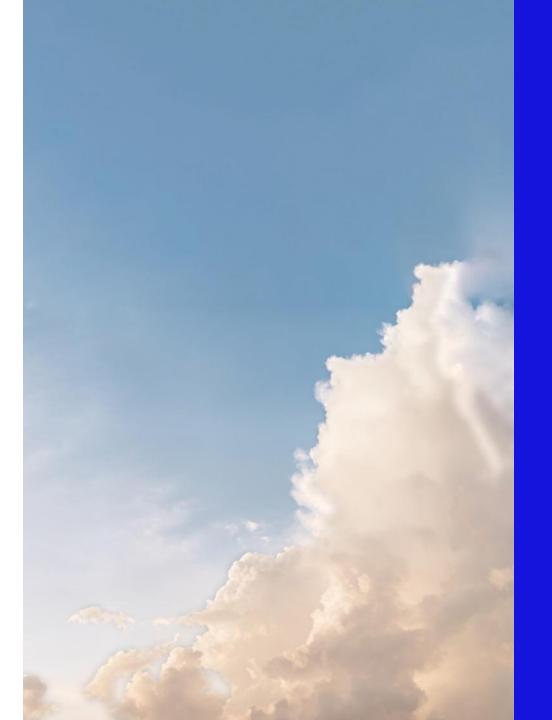
UNITED

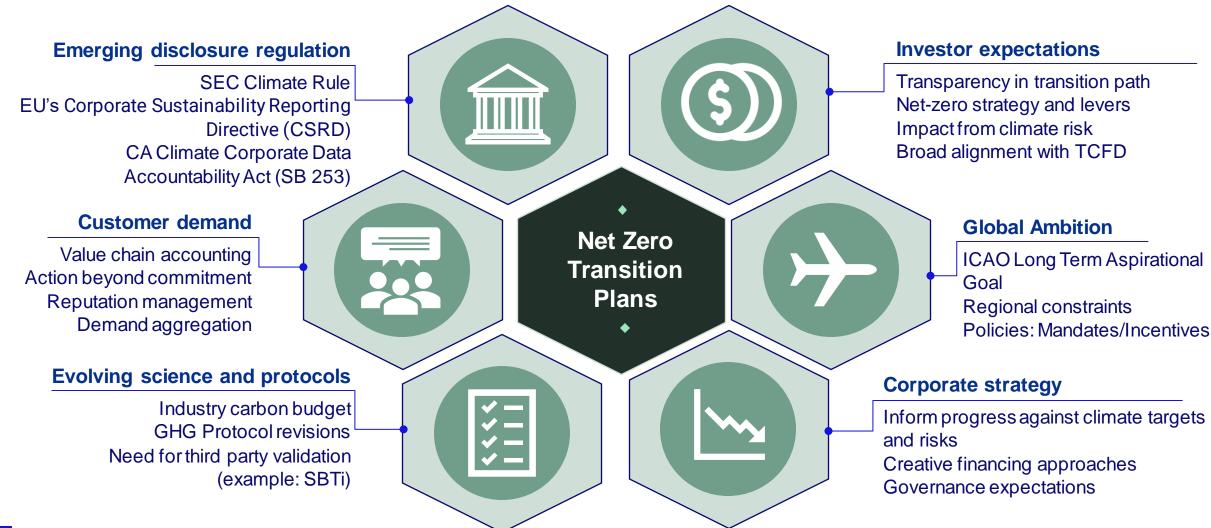
Roadmap to Net Zero GHGs by 2050

October 2023





Emerging expectations are influencing climate actions and disclosures



United's ambition is to play a key role in making air travel more sustainable. ~3%

of global greenhouse gas (GHG) emissions come from aviation

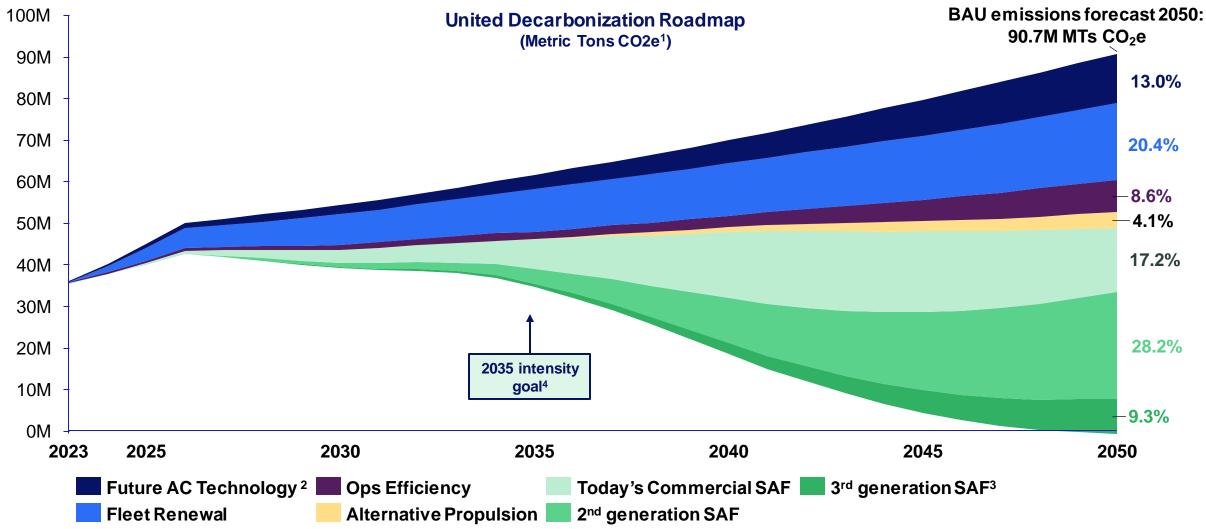
~98%

of United's GHG emissions from jet fuel 100%

We pledge to reduce our GHG emissions by 100% by 2050 without relying on traditional carbon offsets



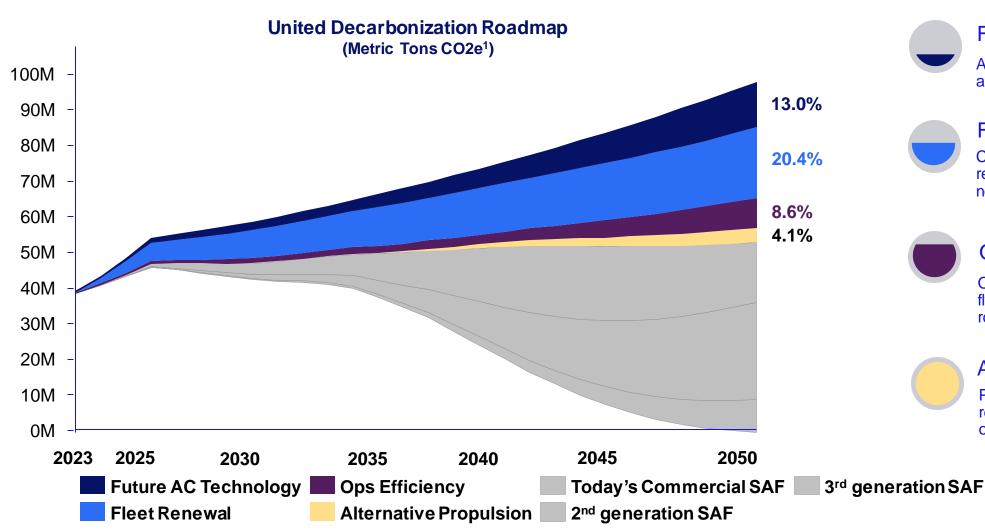
United's roadmap to net zero GHG emissions by 2050 requires fuel reduction and replacement of conventional fuel





¹Emissions from aircraft jet fuel combustion (tank-to-wake), other Scope 1 emissions, and Scope 2 emissions. ²Future Gen: New ACyet to be developed e.g. Future LNB ³Includes SAF dependent on carbon removals ⁴Goal validated by Science Based Targets initiative (SBTi): 50% reduction in carbon intensity by 2035 compared to 2019 baseline

Our fuel reduction includes four key measures that reduce emissions ~45% by 2050





¹Emissions from aircraft jet fuel combustion (tank-to-w ake), other Scope 1 emissions, and Scope 2 emissions. ²Goal validated y Science Based Targets initiative (SBTi): 50% reduction in carbon intensity by 2035 compared to 2019 baseline

Operational efficiency

Future aircraft technology

Advancements in aircraft design

Continuation of **United Next** through

replacement of older aircraft with

newer, more fuel-efficient models

and engine

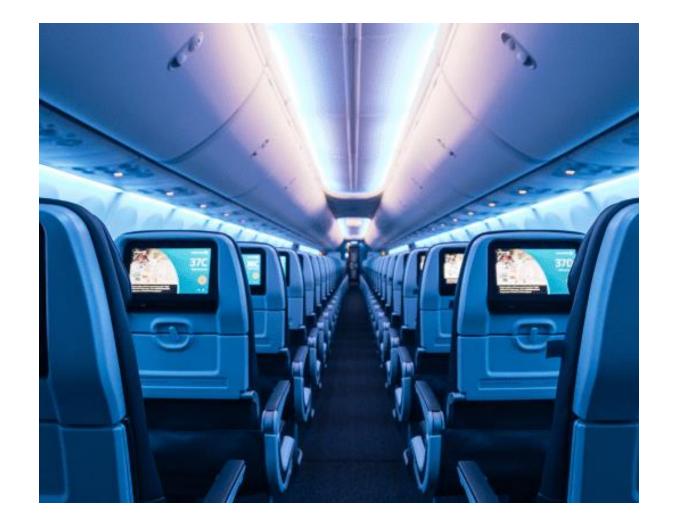
Fleet renewal

Operational measures to ensure we are flying the most efficient and direct routes

Alternative propulsion

Primarily shorter-haul distance, regional aircraft using battery electric or hydrogen propulsion

United Next, the largest order by a U.S. carrier in commercial airline history, directly contributes to our climate ambitions



Nearly 800 new narrowbody and widebody aircraft between 2023 and the end of 2032:

- Larger overhead bins
- Entertainment & WiFi for everyone
- Upgraded clubs
- And 20-25% improvement in fuel efficiency and lower carbon emissions per seat compared with the airplanes it replaces¹

United expects that 75% of its fleet will be newgeneration by 2030

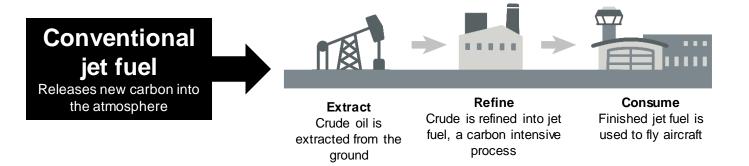


¹ According to Boeing, the 787 Dreamliner contributes up to a 25% improvement in fuel efficiency and low er carbon emissions per seat compared with the airplanes it replaces and according to Airbus, the A321neo brings a 50% noise reduction and more than 20% fuel savings and CO2 reduction compared to previous generation single-aisle aircraft.

Sustainable aviation fuel



Sustainable aviation fuel (SAF) is a drop-in replacement for conventional jet fuel.



It can emit up to 85% less greenhouse gas emissions on a lifecycle basis than fossil jet

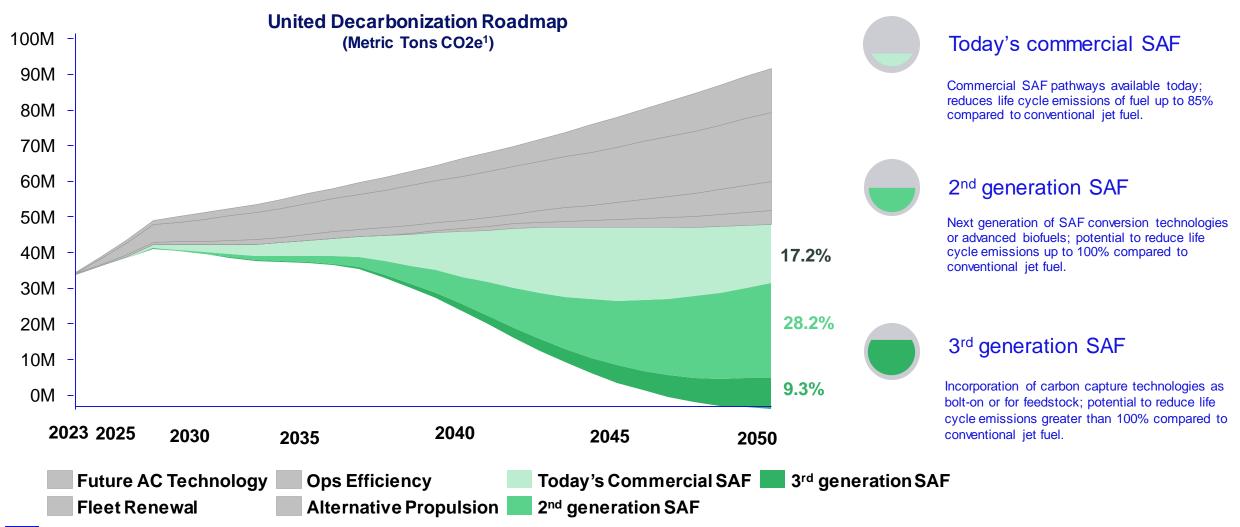
Sustainable aviation fuel Emits up to 85% less carbon on a lifecycle basis

Process feedstock Renewable materials are collected as SAF feedstock

Refine Feedstock is converted to fuel through processes using as much renewable energy as possible Consume Finished product is tested to prove identical to jet fuel and used to fly aircraft



The most significant contribution – about 55% - to United's 2050 net zero goal is SAF





¹Emissions fromaircraft jet fuel combustion (tank-to-w ake), other Scope 1 emissions, and Scope 2 emissions. ²Goal validated by Science Based Targets initiative (SBTi): 50% reduction in carbon intensity by 2035 compared to 2019 baseline

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United's Sustainable Flight Fund Grows to Nearly \$200 Million and Adds Strategic Partners

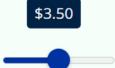
We are creatively financing the transition

Washington, DC, US (IAD) to Chicago, IL, US (ORD)

• There are no available bundles for this segment.

WANT TO MAKE THE FUTURE OF FLYING MORE SUSTAINABLE?

Join our mission to fight climate change. Your contribution will be used to fund our investment in United's new Sustainable Flight Fund, which invests in technologies that can reduce carbon emissions in aviation. <u>Learn more.</u>

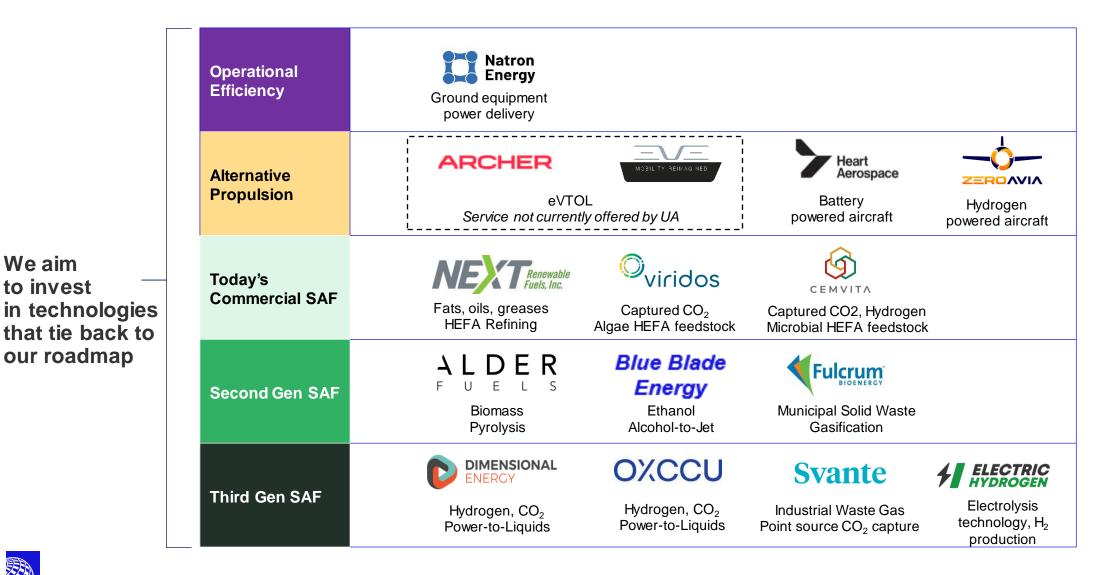


Add \$3.50

\$1.00

\$7.00

Through the United Sustainable Flight Fund and United Airlines Ventures, we are investing in technologies aligned to our roadmap





We aim

to invest

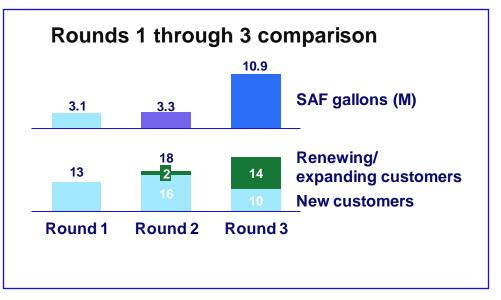
Eco-Skies Alliance is a first-of-its-kind program for corporations to advance SAF with United

- Eco-Skies Alliance sends an important and timely demand signal for SAF now
 - SAF costs are ~2-4x's the cost of conventional fuel
 - Supply from two SAF producers was delivered to LAX, SFO, AMS and LHR
 - Eco-Skies Alliance customers fund the 'green premium' of SAF in exchange for Scope 3 reductions on United flights

We have achieved industry-leading results

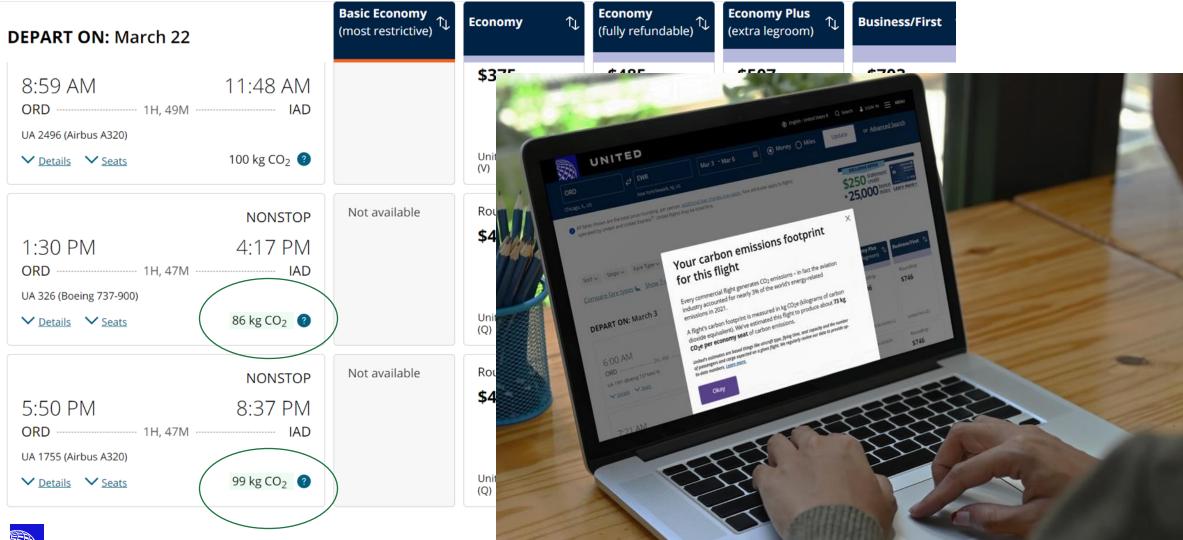
- Partnerships with 39 passenger and cargo customers
- Cross-sector representation with large and small corporations
- In 2023, planning use of 10M gallons of SAF
 - 3x's more than 2022 and 10x's more than in 2019
- Validated and third-party audited results







We are also empowering our travelers through transparency

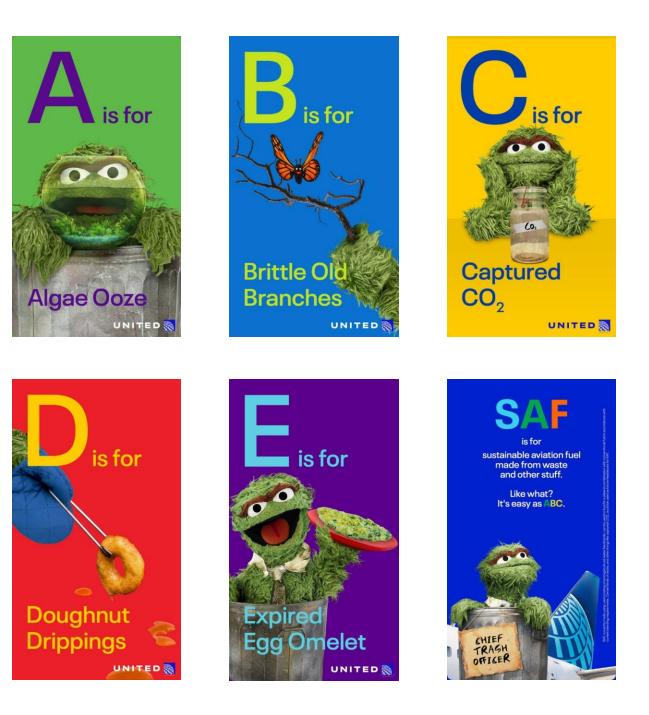




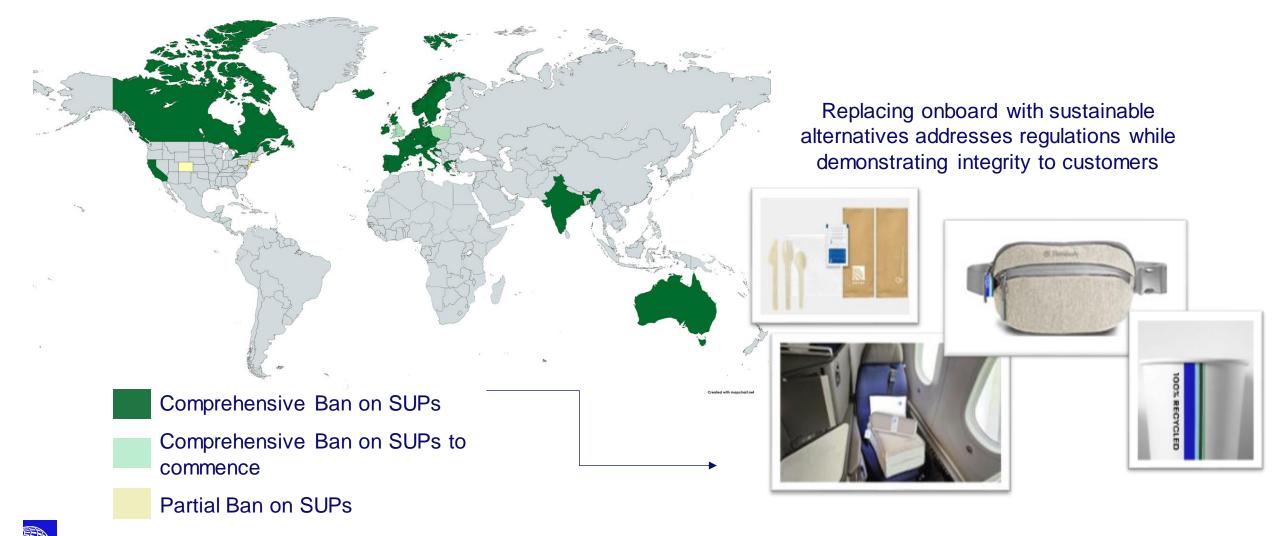
And we continue to focus on awareness and education about the importance of SAF

Paired with CTO educational campaign, customers are gaining confidence that SAF is the right solution to support

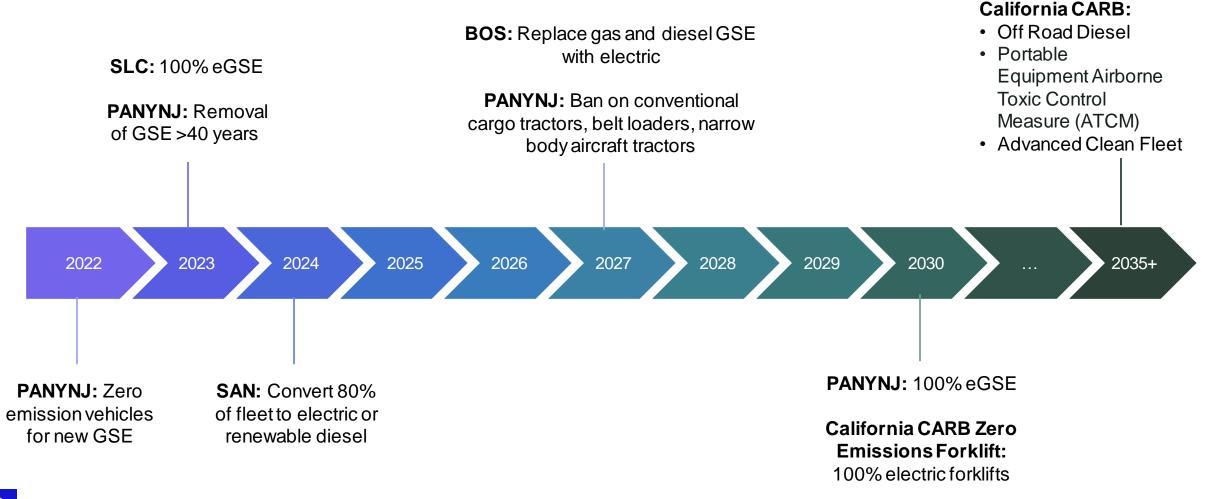




Regulations are emerging beyond SAF including Single Use Plastic (SUP) bans



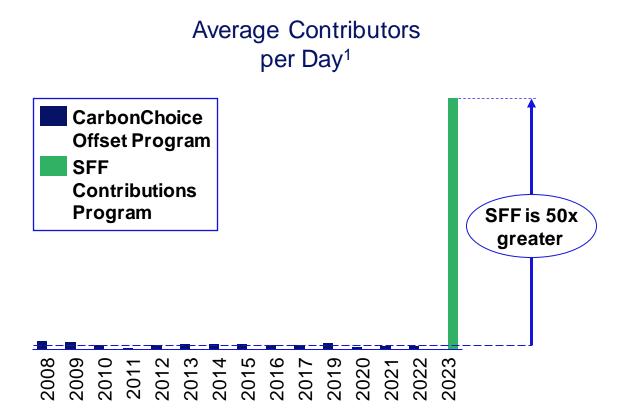
And airports and states are increasingly demanding electric GSE to reduce GHGs and improve air quality.





With effective education, user friendly experience, and demonstrated leadership, customers are showing a willingness to engage.









Good leads the way

Connecting people and uniting the world, more sustainably and responsibly



