

SUSTAINABILITY AT DELTA

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Vice President, Seattle

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OUR OPERATIONS

HEADQUARTERS

Atlanta, GA




80,000+
Employees

180+ M
Customers


52

Countries



6

Continents

306

Destinations

800+

Aircraft
(Mainline fleet)

15,000+

Daily Flights
*(Including worldwide
alliance partners)*



KEY HUBS & MARKETS

- » Atlanta
- » Boston
- » Detroit
- » Los Angeles
- » Minneapolis-St. Paul
- » New York-John F. Kennedy
- » New York-LaGuardia
- » Salt Lake City
- » Seattle
- » Amsterdam
- » London-Heathrow
- » Paris-Charles de Gaulle
- » Tokyo-Narita

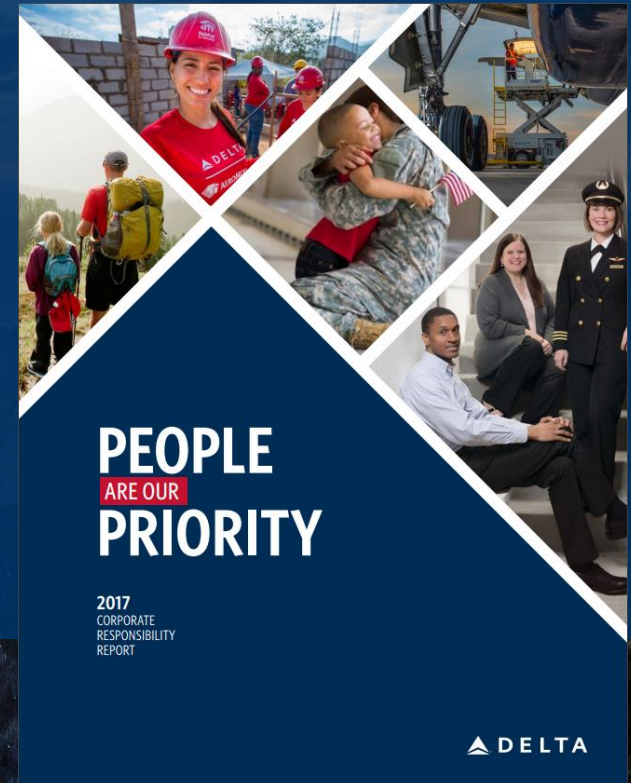
SUSTAINABILITY AT DELTA

Sustainability a natural evolution from Delta's corporate culture, history, and existing policies and programs:

- Delta's *Rules of the Road*: "minimize our impact on the environment"
- Delta *Code of Ethics*: "be a responsible global citizen"
- Delta *Environmental and Carbon Emissions Policies*
- SkyTeam *Corporate Social Responsibility Statement*

In addition, there is increasing pressure from external stakeholders, including investors, customers, partners, and external ratings agencies, for transparency and beyond-compliance performance.

- Named to the Dow Jones Sustainability Index North America for 8 years running
- Annual Corporate Responsibility Report
- B score on CDP (formerly known as Carbon Disclosure Project)



SUSTAINABILITY AT DELTA

Fuel is Delta's #1 Operating Expense – costing \$2 Billion more annually in 2018 over 2017

Only the US Military buys more jet fuel than Delta Air Lines

Fuel costs can be managed, but not controlled

Financial motivation to find alternatives

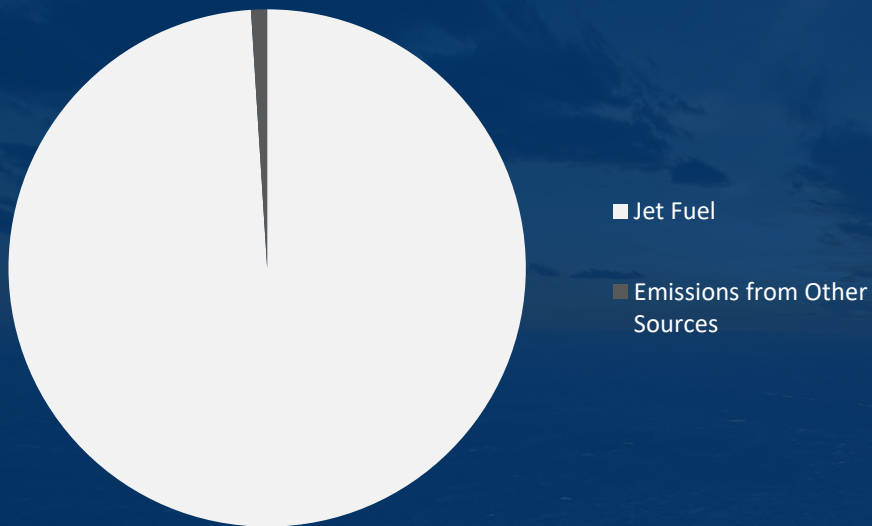
Overall goal at Delta is not to promote a specific technology or approach for the sake of the technology, but as a means to an end

“All of the above” Approach toward our goal.

GOAL = ABSOLUTE EMISSIONS REDUCTIONS

EMISSIONS AT DELTA

- Jet Fuel accounts for less than 2% of global emissions
- 99% of our emissions are from jet fuel



Delta “ALL-OF- THE ABOVE” Initiatives

- New, more efficient aircraft
- Maintenance
- Reducing Weight from Aircraft
- More efficient flying
- Carbon-neutral growth
- BioFuels
- Electrification of GSE

Seattle Initiatives

- Initiatives with our partners: Bill & Melinda Gates Foundation, Seattle Seahawks
- Fuel savings on the ground at Seattle Airport

IMPROVING FUEL EFFICIENCY

INDUSTRY GOAL



ANNUAL AVERAGE FUEL EFFICIENCY IMPROVEMENT OF **1.5%**
EVERY YEAR BETWEEN 2009-2020

DELTA PROGRESS

- 9.2% decrease in the number of gallons it takes us to transport 100 revenue ton miles
- Our business is growing faster than our fuel consumption over the last 6 years:
 - 14% growth in how much we fly (revenue ton miles)
 - 9% growth in fuel consumption

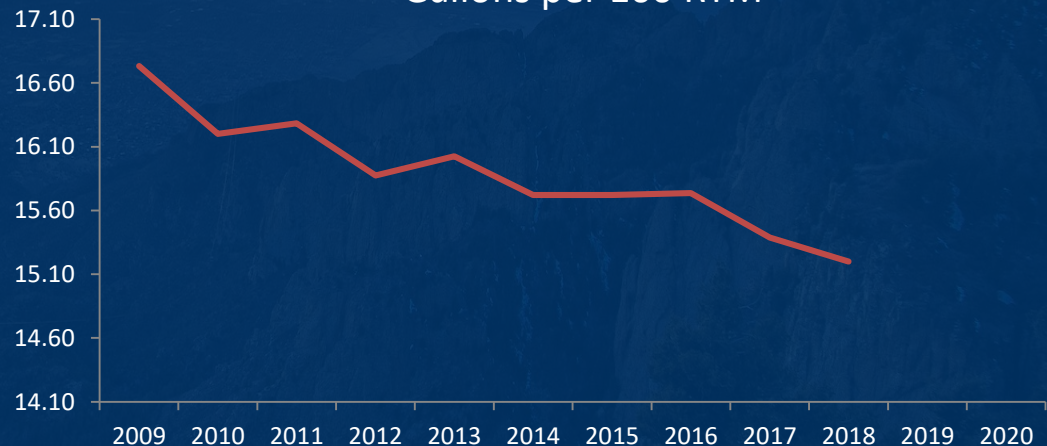
9.2%



IMPROVEMENT IN FUEL
EFFICIENCY BASED ON
GALLONS PER 100 RTM;
ANNUAL EFFICIENCY
IMPROVEMENT OF

1.15%

Gallons per 100 RTM



CARBON-NEUTRAL GROWTH

INDUSTRY GOAL



CAP NET EMISSIONS WITH CARBON NEUTRAL GROWTH FROM 2020

DELTA PROGRESS

- Voluntarily achieved carbon-neutral growth from a 2012 baseline
- 11.9 million tons (26 billion pounds) of emissions offset since 2013 to maintain our emissions at our 2012 levels



12M

TONS OF CARBON
OFFSET SINCE 2013
TO MAINTAIN EMISSIONS
AT 2012 LEVELS



FLY DELTA FLY CARBON NEUTRAL



In partnership with the Bill & Melinda Gates Foundation, we have offset all emissions associated with their travel on Delta Air Lines for the past 4 years.

More than **13,000 offsets** have been purchased from the Uchindile Mapanda Reforestation Project in Tanzania



Project members tending seedlings for planting.

ABSOLUTE EMISSIONS REDUCTION

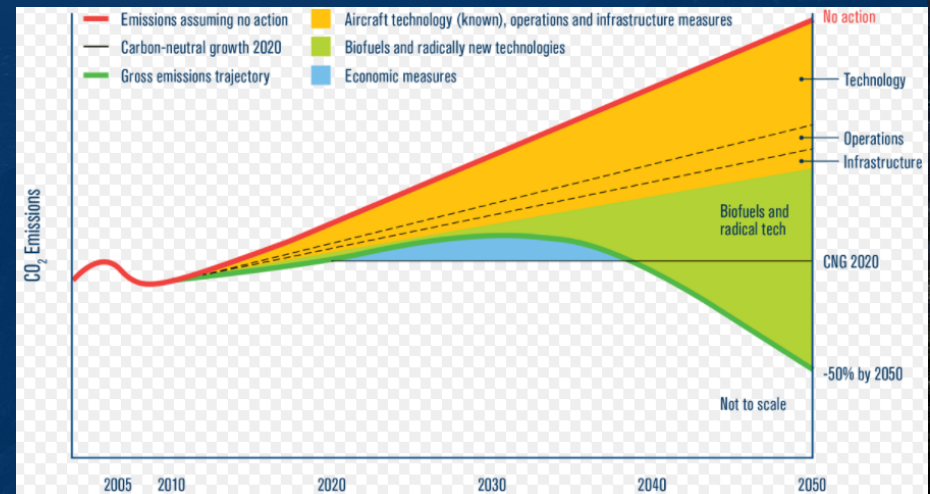
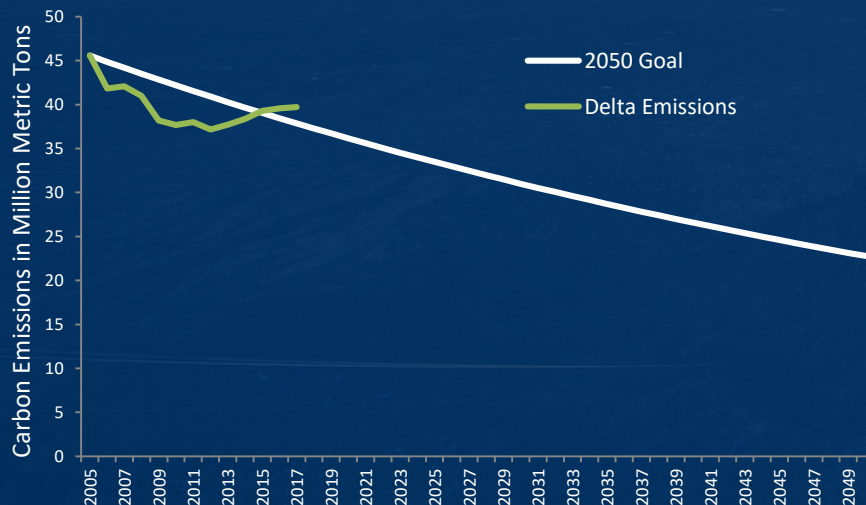
INDUSTRY GOAL

 **50%** CUT IN EMISSIONS BY 2050, COMPARED TO 2005

DELTA PROGRESS

13% REDUCTION IN
EMISSIONS SINCE 2005

- New aircraft, fuel savings initiatives have helped us reduce emissions
- Basket of measures, including biofuels, necessary to reach 2050 goal



DELTA'S PRINCIPLES FOR EVALUATING INVESTMENT IN BIOFUEL PROJECTS

- Meet applicable technical and regulatory standards, including ASTM D1655
- Have lower environmental impacts (climate, water, air and biodiversity), including lower life-cycle carbon emissions than conventional, petroleum-based jet fuel
- Ideally, come from feed stocks that will not displace or compete with food crops
- Satisfy technical and functional criteria that allow biofuel to be commingled within existing national fuel transport, storage and logistics infrastructure, as well as within individual airport and airline systems
- Have no adverse impact on aircraft engines
- Be somewhat cost competitive with existing petroleum-based supply

A scenic landscape featuring a range of mountains under a sky with a sunset or sunrise. The scene is partially obscured by a large, dark blue semi-transparent rectangle that covers most of the image. The text "THANK YOU" is centered within this rectangle in a white, sans-serif font.

THANK YOU