

BOEING'S SUSTAINABILITY GOALS



EMPLOYEE SAFETY& WELL-BEING



GLOBAL AEROSPACE SAFETY



EQUITY, DIVERSITY & INCLUSION



SUSTAINABLE OPERATIONS



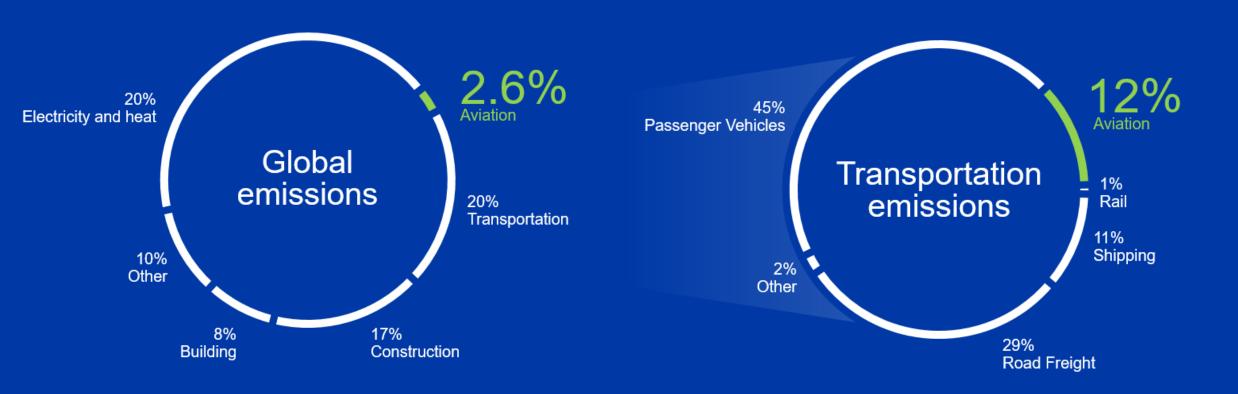
INNOVATION & CLEAN TECHNOLOGY



COMMUNITY ENGAGEMENT

SUSTAINABLE AEROSPACE TOGETHER

Aviation contributes 2.6% of total global emissions



Source: 2018, World Resources Institute

OUR STRATEGY TO DECARBONIZE AVIATION











Operational efficiency













Advanced technology

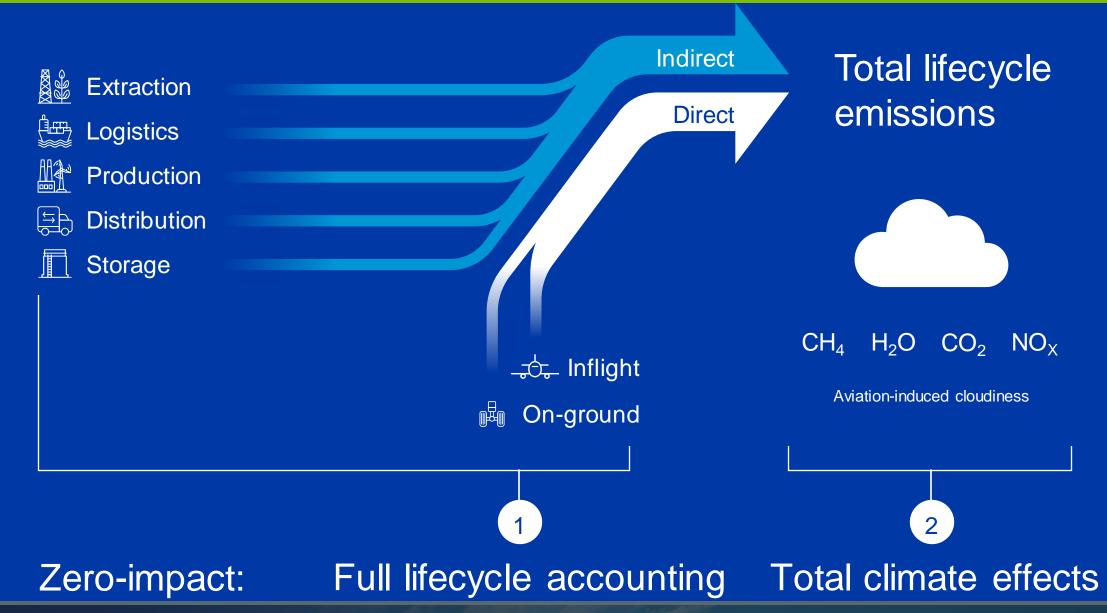
FLEET RENEWAL - INNOVATION & PERFORMANCE





	737 MAX	787	777X	777-8F
REDUCTION IN FUEL AND CO ₂	20% Reduction	25% Reduction	20% Reduction	30% Reduction
NOISE FOOTPRINT	50% Smaller	50% Smaller	40% Smaller	60% Smaller
	Compared to original Next-Generation 737	Compared to 767-300ER	Compared to 777-300ER	Compared to 747-400F

ZERO CLIMATE IMPACT



SUSTAINABILITY TOGETHER



BOEING ECODEMONSTRATOR PROGRAM

An Enduring Mission

Innovate

Learn by doing, discover quickly

Collaborate

With airlines, government, suppliers, academia, industry

Accelerate

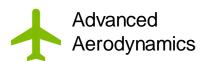
Speed path to products, services and production

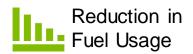


Accelerating Innovation

250+ technologies tested with focus in:



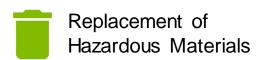






















1/3 of technologies now implemented on products and services

Boeing ecoDemonstrator SAF Emissions Testing 2021 Boeing ecoDemonstrator 737-9 CFM LEAP-1B 100% Paraffinic SAF Ground Test and Flight Demonstration 4 SAF blends tested Demonstrator 1 successful 100% SAF demo flight



2022 Boeing ecoDemonstrator

4 Fuels Tested

- Locally sourced Jet-A
- Low Sulfur Jet-A
- 50% Lower Sulfur Jet-A & 50%
 Paraffinic SAF
- 100% Paraffinic SAF



