

Making the case for SAFI in the UAE | Etihad Perspective

Mariam Al-Qubaisi, Head of Sustainability

OUR PEOPLE

FAST FACTS & FIGURES | FEBRUARY 2020

Etihad Aviation Group is a diversified global aviation and travel group comprising seven business divisions – Operations, Commercial, Maintenance, Repair & Overhaul (MRO), Human Resources & Organisational Development, Finance, Digital & Innovation and Transformation.

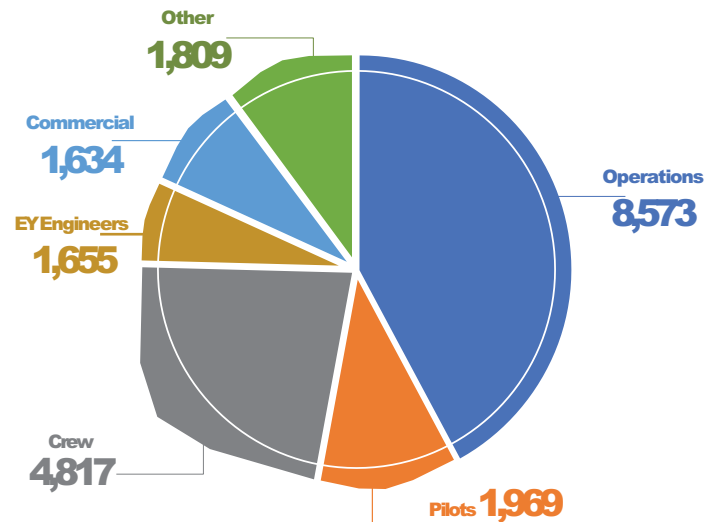
The success of the Etihad Aviation Group is driven by its people, and the ability to source, develop, engage and deliver a highly focused multicultural workforce that is committed to its customers, and to each other.

20,457
EAG EMPLOYEES

151
NATIONALITIES

2,515
EMIRATIS

EAG EMPLOYEES



*Others - Include HR & OD, Group Support Services, Finance, Airline Equity Partners, Transformation

OUR NETWORK

FAST FACTS & FIGURES | FEBRUARY 2020

In February 2020, Etihad Airways served 76 passenger and cargo destinations in 49 countries.



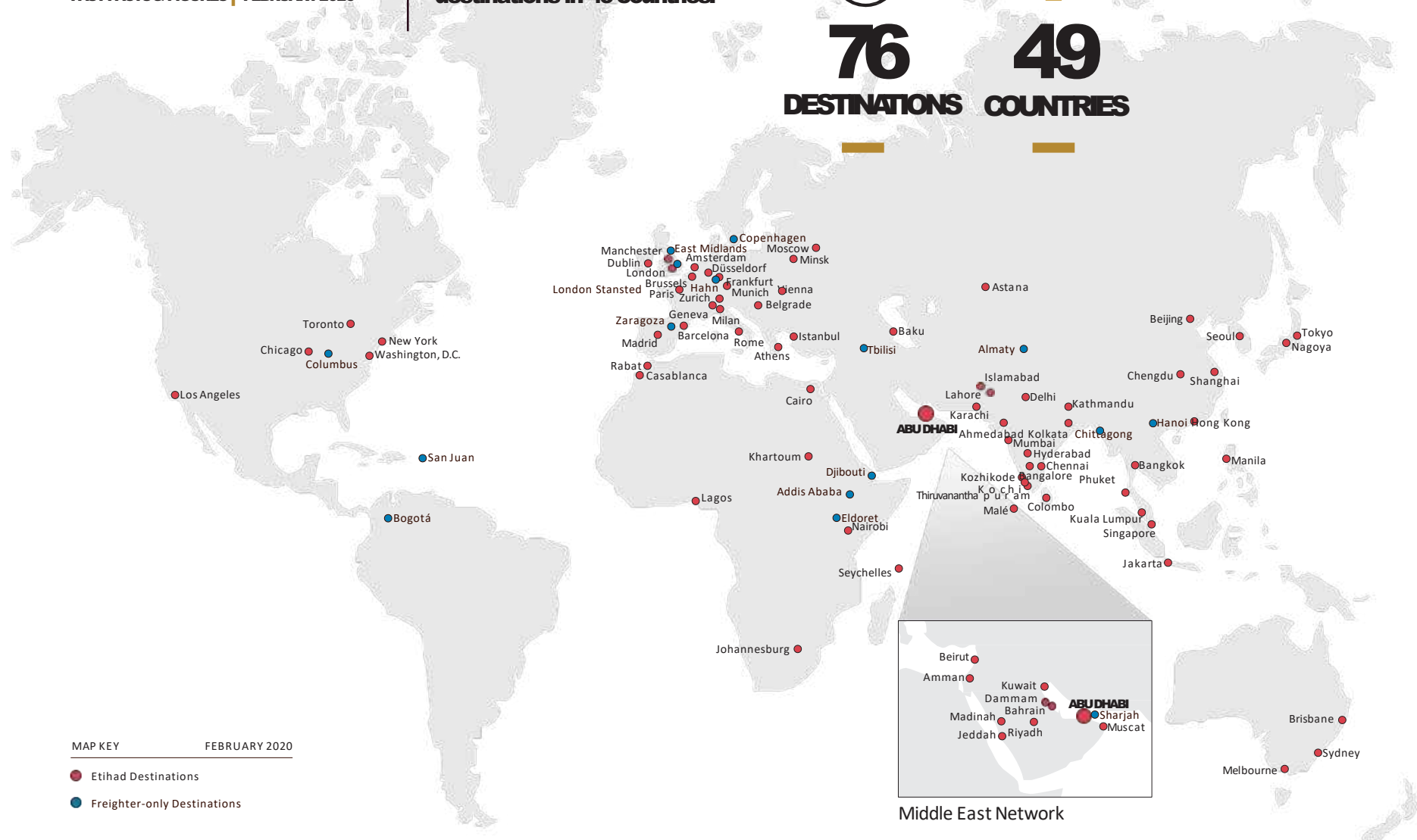
76

DESTINATIONS



49

COUNTRIES



MAP KEY FEBRUARY 2020

● Etihad Destinations

● Freighter-only Destinations



Middle East Network

OUR FLEET


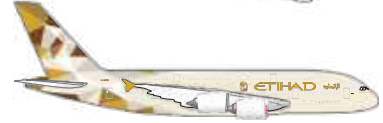



FAST FACTS & FIGURES | FEBRUARY 2020

Etihad Airways' fleet is one of the youngest in the world and, as of February 2020 comprised of 96 passenger aircraft.




101
AIRCRAFT

5.3 YEARS
AVERAGE AGE

	AIRCRAFT TYPE	CURRENT FLEET
	Airbus A320- Family	29
	Airbus A380	10
	Boeing 787- Family	38
	Boeing 777- Family	19
	Boeing 777 Freighter	5





SUSTAINABILITY

- Regulatory compliance
- Education & awareness
- Emissions Control

Etihad Sustainability

Greener together

الإتihad
ETIHAD
AIRWAYS

FIRST
ETIHAD FLIGHT
USING BIOFUEL



WASHINGTON, D.C.
TO ABU DHABI



50%

REDUCTION IN WATER
USAGE SAVING 684,000L
WATER PER YEAR

BECAME ONE OF THE
FOUNDING PARTNERS OF

BIOjet

ABU DHABI flight path
to Sustainability

AN INITIATIVE TO DEVELOP A
FULL ABU DHABI AVIATION
BIOFUEL SUPPLY CHAIN



#Etihad4wildlife

ONE OF THE FIRST
SIGNATORIES FOR
UNITED FOR WILDLIFE
AT BUCKINGHAM PALACE

united
for
wildlife



SBRC/SEAS
ETIHAD MASDAR BIOFUEL
MADE FROM UAE
MANGROVES (SAF)

FIRST
ECO-FLIGHT



ABU DHABI - BRISBANE
World's longest single-use
plastic-free inflight service

2012

2014

2016

2019

2050

2035

2022

2020

2019



ZERO NET CARBON



NET
50%

REDUCTION OF
2019 EMISSIONS

80%

REDUCTION OF
SINGLE-USE PLASTIC
PRODUCTS




INTRODUCTION OF
**ELECTRIC
TRACTORS**

ARRIVAL OF ETIHAD
GREENLINER
Hero Aircraft



30%

BIOFUEL BLEND
ON DELIVERY FLIGHT

REDUCTION OF
41 SINGLE-USE
PLASTIC PRODUCTS



17
TONNES

SAVED FROM LANDFILL

OUR BOEING 787 DREAMLINER FLEET

PARTNERSHIP

The entire 787 Dreamliner fleet is a test bed for aviation sustainability, known as our Etihad Greenliner fleet.

ETIHAD + BOEING
+ GE Aviation + more to come

-15%

LESS FUEL THAN OTHER
ETIHAD AIRCRAFT

51%

OF OUR FLEET WILL
BE 787 DREAMLINER
BY 2023

ETIHAD GREENLINER

Blue-green hues of this design represent the importance of water in Arabic life and culture, and symbolise the 'blue sky' thinking needed to achieve meaningful change.



CARBON EMISSIONS



AWARENESS



FUEL EFFICIENCY



RESEARCH & TESTING



SINGLE-USE PLASTICS

#Greenertogether

CO₂ TARGETS

- *50% Reduction in 2019 CO₂ Emissions by 2035*
- *Carbon neutral by 2050*
- ✓ Sustainable Aviation Fuels (SAFs)
- ✓ Carbon Offsets
- ✓ Operational Efficiencies
- ✓ Waste reduction

THE SBRC



- The partners in the Sustainable Bioenergy Research Consortium (SBRC) are all technology and business leaders in their fields



- The objective of the SBRC is to unlock the potential of seawater and arid land to produce biomass that can be converted into sustainable aviation fuel







Greener
together

Greenliner Programme

Objective:

- To highlight EAG Sustainability initiatives and provide a testbed for new ideas.

Eco flights have promoted the following sustainable initiatives:

- Biofuels
- Expedited ATC Routing
- Single-use Plastic Reduction
- Overall weight reduction
- Boeing Software

Future Opportunities :

- New Biofuels
- Offsetting
- Lightweight equipment
- Internal awareness
- External collaborations

WASTE TO FUEL

Abu Dhabi's Waste Master Plan 2040 aims to divert 75% of municipal waste away from landfills

- Tadweer is working with EAG on a mega project to convert municipal solid waste to fuel.
- Tadweer and Etihad are also working to establish a facility that recycles cooking oil into biofuel.





Modern Slavery Act
2015

CHAPTER 30





مركز محمد بن راشد
للكفضاء
MOHAMMED BIN RASHID SPACE CENTRE

طموح
زايد



UAE Astronaut Mission 1
هزاع المنصوري Hazzaa AlMansoori

Imagine where we can go...

