

# CORSIA

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### Tackling the climate challenge





#### The industry's targets



#### GOAL 1

PRE-2020 AMBITION

1.5% ANNUAL AVERAGE FUEL EFFICIENCY IMPROVEMENT FROM 2009 TO 2020.



#### GOAL 2

IN LINE WITH THE NEXT UNFCCC COMMITMENT PERIOD

STABILISE NET
AVIATION CO2
EMISSIONS AT
2020 LEVELS
WITH CARBONNEUTRAL
GROWTH.



#### GOAL 3

ON THE 2°C PATHWAY

REDUCE
AVIATION'S NET
CO<sub>2</sub> EMISSIONS
TO 50% OF WHAT
THEY WERE IN
2005, BY 2050.



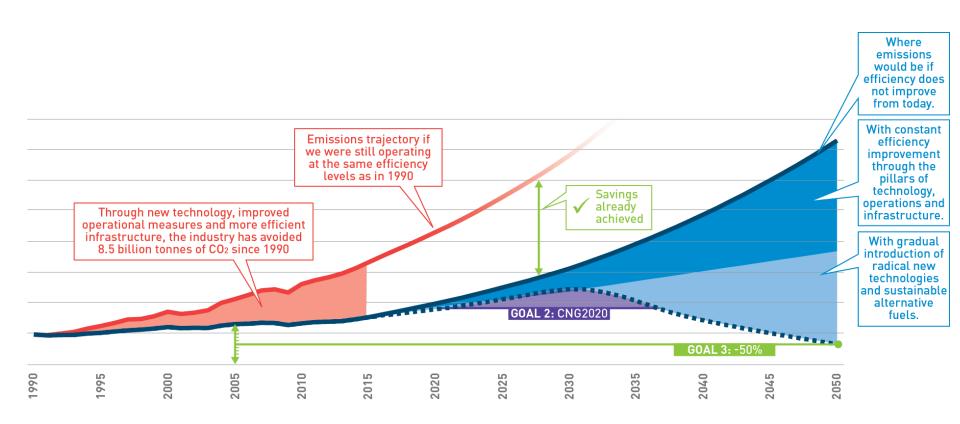
# Tactical improvements across the system



- TECHNOLOGY
- **O** OPERATIONS
- III INFRASTRUCTURE
- MARKET-BASED MEASURE

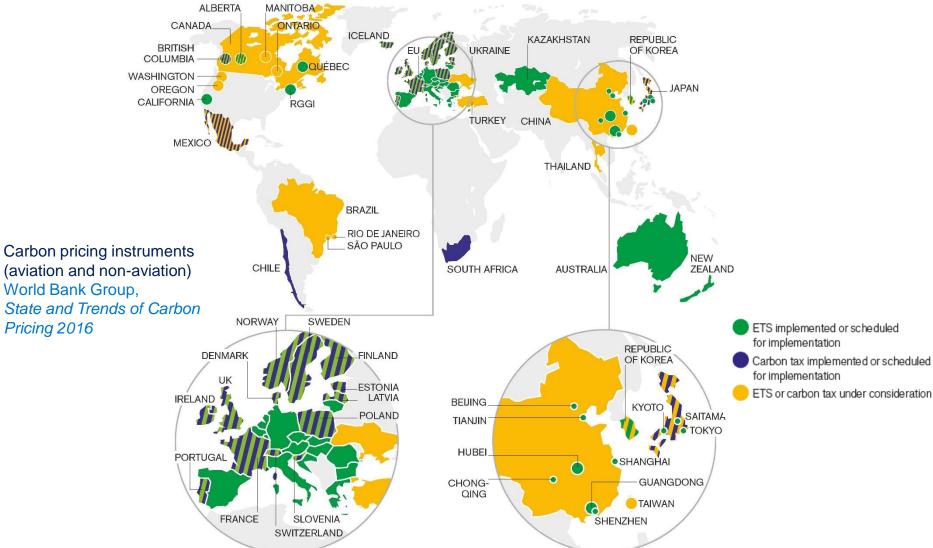






### **Avoiding the "patchwork"**





#### **ICAO** Assembly Resolution A39-3





#### "Carbon Offsetting and Reduction Scheme for International Aviation" (CORSIA)

- Aim is to address growth in CO<sub>2</sub> emissions from international civil aviation above 2020 levels (CNG2020)
- Applies to international flights only
- Is to be the MBM applying to CO<sub>2</sub> emissions from international aviation

#### Phased implementation

MONITORING, **REPORTING** 

TO SET THE

2020

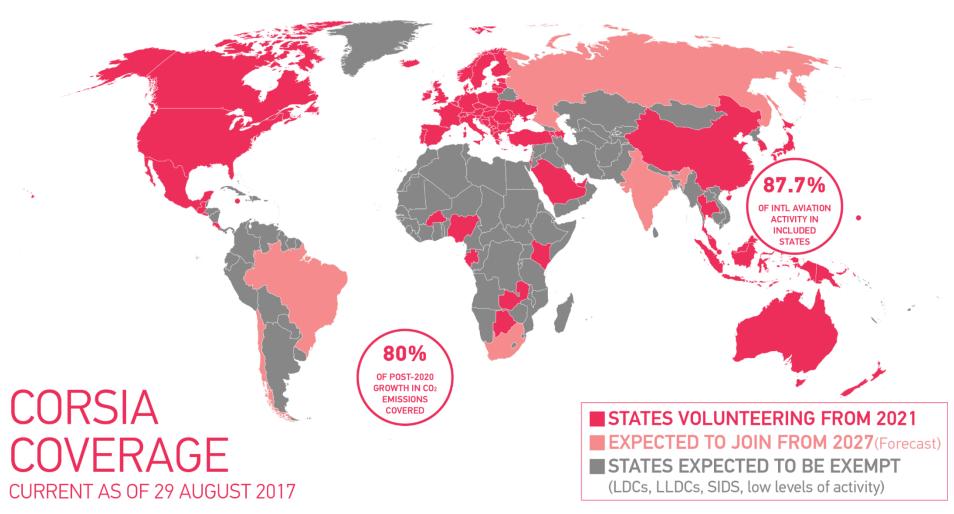
2019



**PILOT PHASE FIRST PHASE SECOND PHASE** VOLUNTARY **MANDATORY** States are volunteering to be With exemptions for: Small Islands, Least Developed Countries, part of the scheme from 2021 Land-locked Developing Countries and States which have less (more States are encouraged to volunteer). than 0.5% of air traffic (although they can still volunteer). Offset obligations shift to Operators flying routes between volunteering States will offset Operators will offset Offset obligations shift to be & VERIFICATION emissions based on the average CO2 growth of the based on average CO2 include over 20% of over 70% based on aviation sector. growth of the sector. individual operator growth. individual operator growth. **BASELINE** 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 OVER 80% OF THE GROWTH IN AIR TRAFFIC CO2 AFTER 2020 WILL BE OFFSET

#### 72 States have volunteered













## Thank you!