

Commercial Market Outlook India Aviation Market

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Agenda

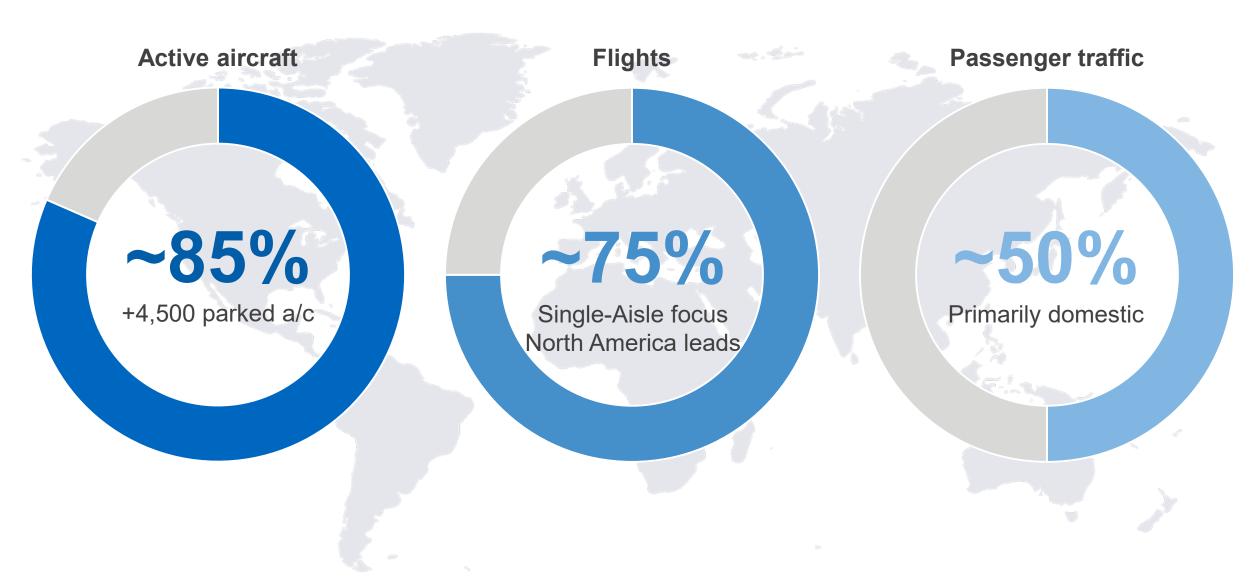
Market environment
Current situation
Near-term dynamics
Recovery outlook

India focus

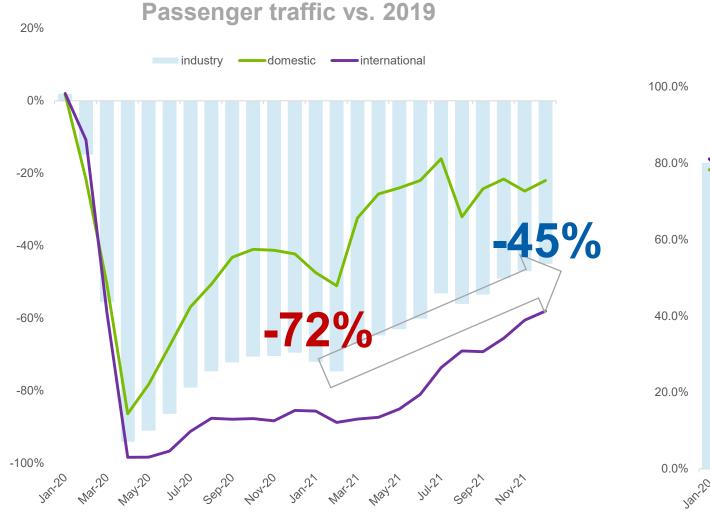
Product Update



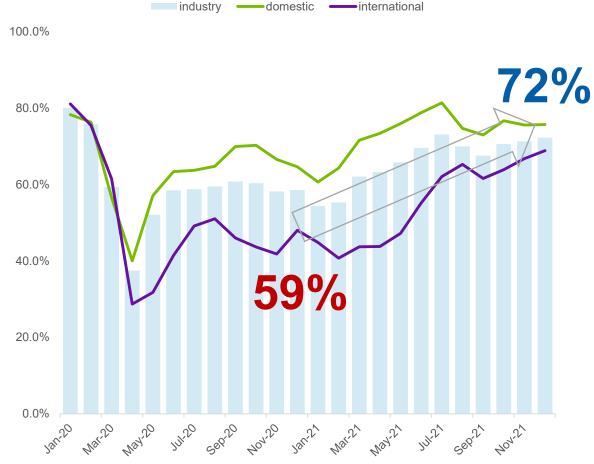
Global aviation dashboard



2021 recovery provides stronger base for 2022



Passenger Load Factor



Source: IATA December 2021

Global Parked Feet vs Time 9% Parked Fleet 19% 29% 62% **Active Fleet** Jun Aug Oct Dec Feb Mar Jul Aug Oct Dec 2020 2021 2022

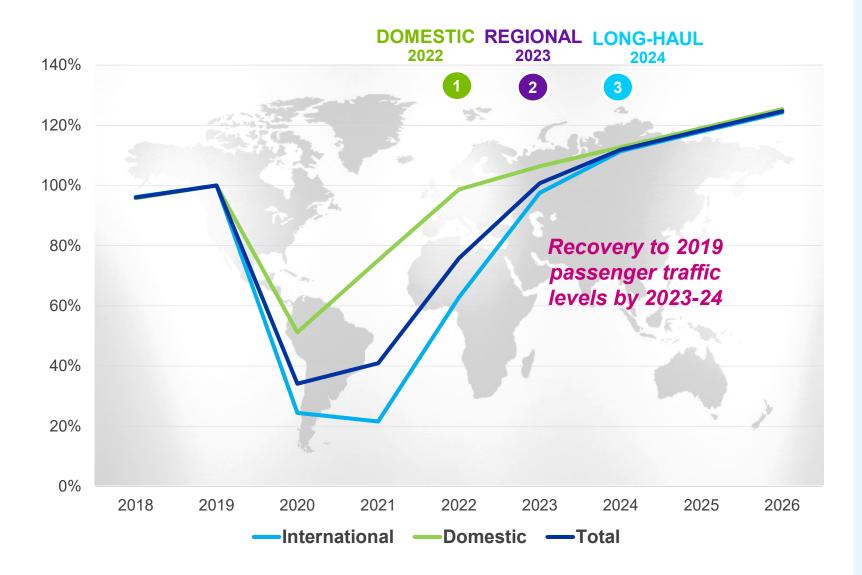
Parked fleet continues to decrease

2020 - January2,000 parked aircraft

2021 - January7,000 parked aircraft

2022 - January4,500 parked aircraft

Multi-speed recovery accelerates in 2022



Key Market Drivers

- Economic recovery
- Vaccine efficacy
- Reduced restrictions
- Pent-up savings
- Long-term fundamentals

COVID restrictions key to air traffic developments



Commercial aviation market outlook trends

Replacement Resilience Versatility

All Lagranges Annual Control of the Control o

Fleet renewal

Sustainability

Efficiency

Travel demand

Market diversity

Innovation

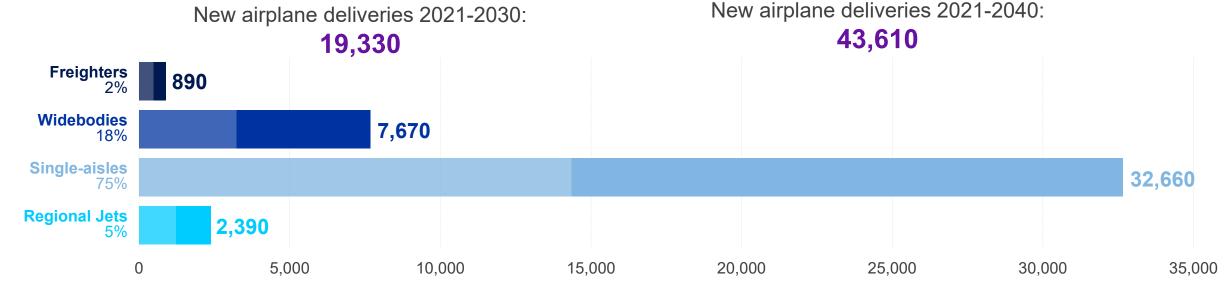
Capability

Network flexibility

Commonality

Airlines will need 43,610 new airplanes over 20 years; Long-term resilience driven by single-aisle aircraft

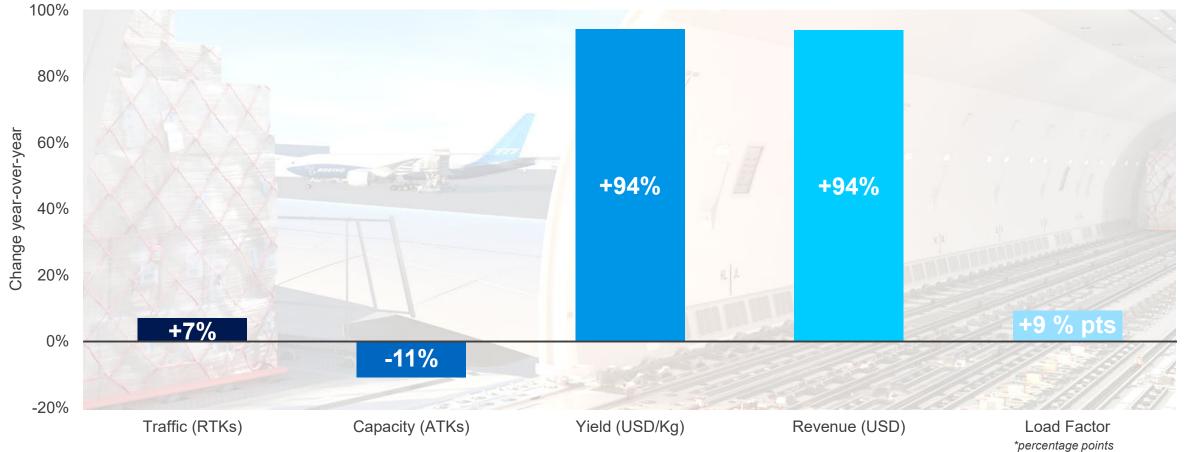




Yield and revenues up significantly against 2019

2021 YTD Air Cargo Performance





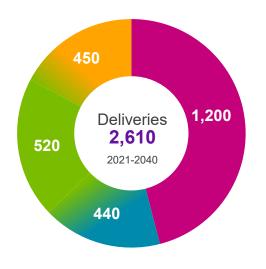
737-8008CF

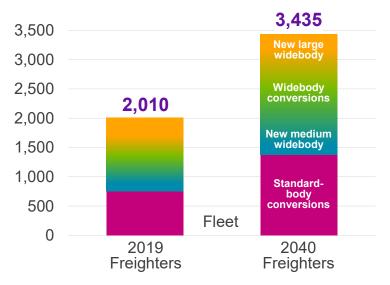






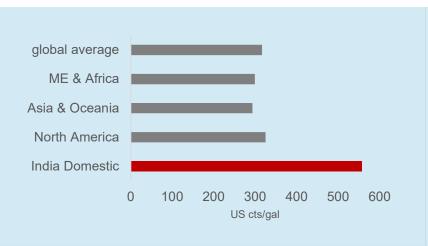
Freighter fleet to grow 70% by 2040

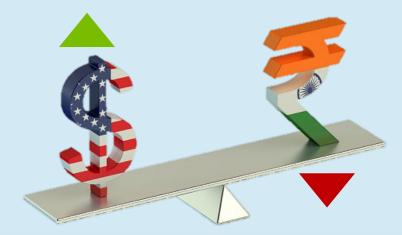






Three major challenges to airlines in India; new generation aircraft help







Fuel

90% higher pricing

737MAX reduces fuel and emissions by **21%** compared to previous generation aircraft

Currency

~70% of airline operational costs are priced in foreign currency

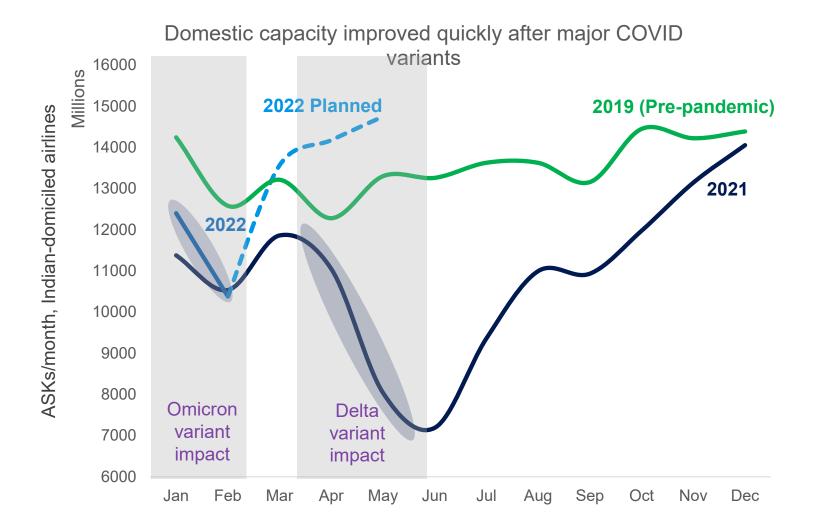
INR stability through pandemic however continued watch item

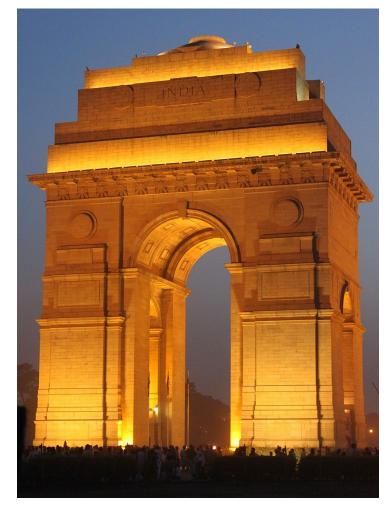
Fares

Lowest average fares for similar distance and demands

737-10 with 9% lower seat costs enables strong aviation market with sustainable low fares

Planned domestic capacity to exceed 2019 levels this month





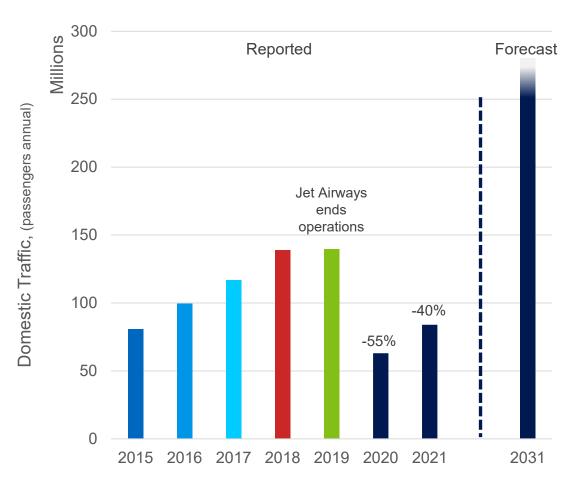
SOURCE: Diio, includes turboprops

India domestic traffic performing better in 2021 and forecasted to double pre-pandemic levels in a decade

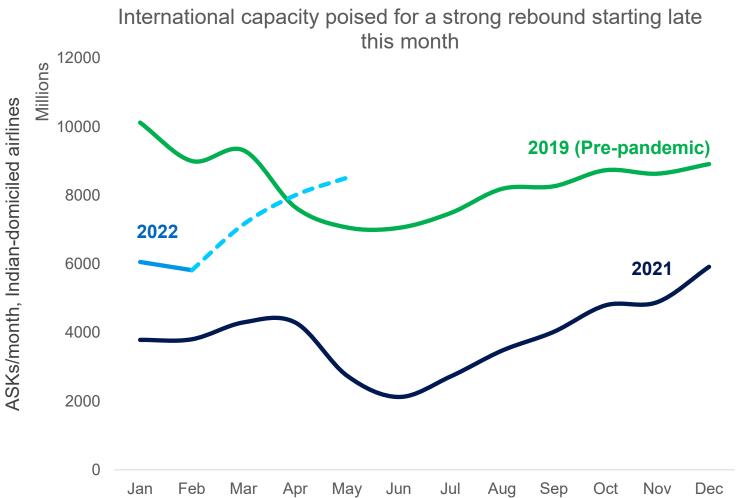
Quick rebound in domestic traffic



2x growth forecasted through 2031



Planned international capacity expected to exceed pre-pandemic levels as early as next month



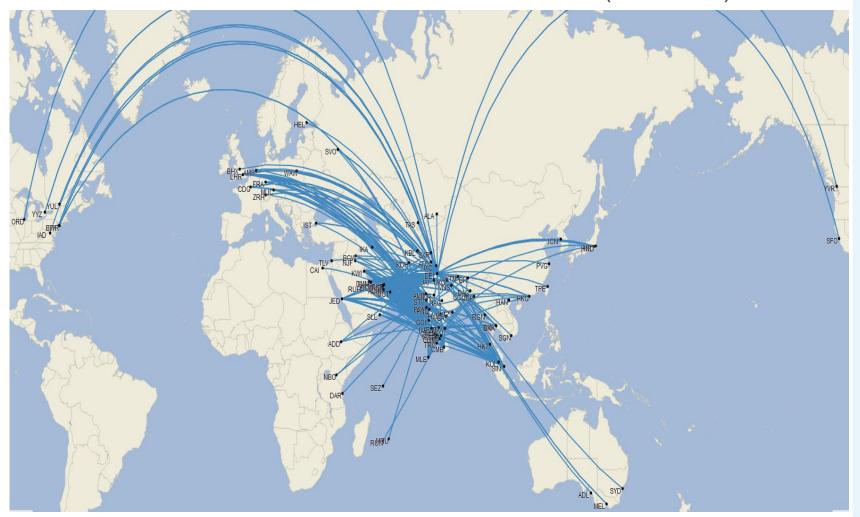




SOURCE: Dijo

Indian carriers are adding more capacity in both domestic and international routes

International scheduled network from India (2022 June)



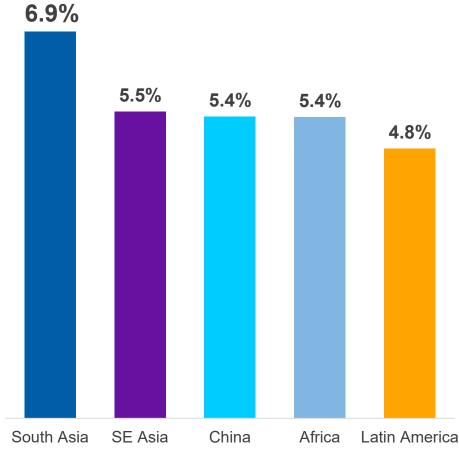
Domestic ASM in India 10 9 8 7 6 6 4 3 2 1 0 2021 June 2022 June





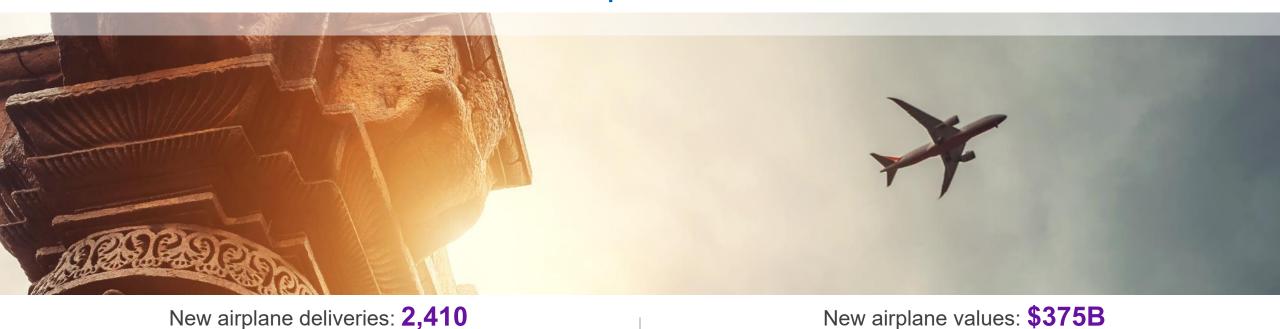
Long-haul ≥ 3,000 mi Short-haul < 3,000 mi

South Asian airlines will lead air traffic growth rates through 2040





South Asia will need 2,400 new airplanes valued at \$375 billion











737-7

Lowest cost & high-performance

737-8

Most versatile single-aisle

737-9

More capacity with range of 737-8

737-10

Most efficient single-aisle

737 MAX Global Status



Since 9th December 2020, as of 17th Mar 2022

542 In-Service Fleet 1,061,000+ Total flight hours 43 Airlines 99.5% Schedule Reliability



424,000+ Departures 1,790 Daily departures



MAX cares about the environment

21% less carbon emissions

50% smaller community noise footprint

Meets next-generation noise & emissions standards

A winning low cost combination







Optimized trip costs for new, thinner markets

More seats for lower unit costs

Full commonality with 737 family

Only aircraft optimized for 200-seat markets

11-20 more seats than A320

Most versatile in segment

Lowest single-aisle unit costs

\$1 million annual operating cost savings vs. A321neo

More range than any NG/ceo

737-7

737-8-200

737-10

Strong demand for all MAX family members

2021 orders



787 Dreamliner

The only complete widebody family



787-8

Route opener & network expander

787-9

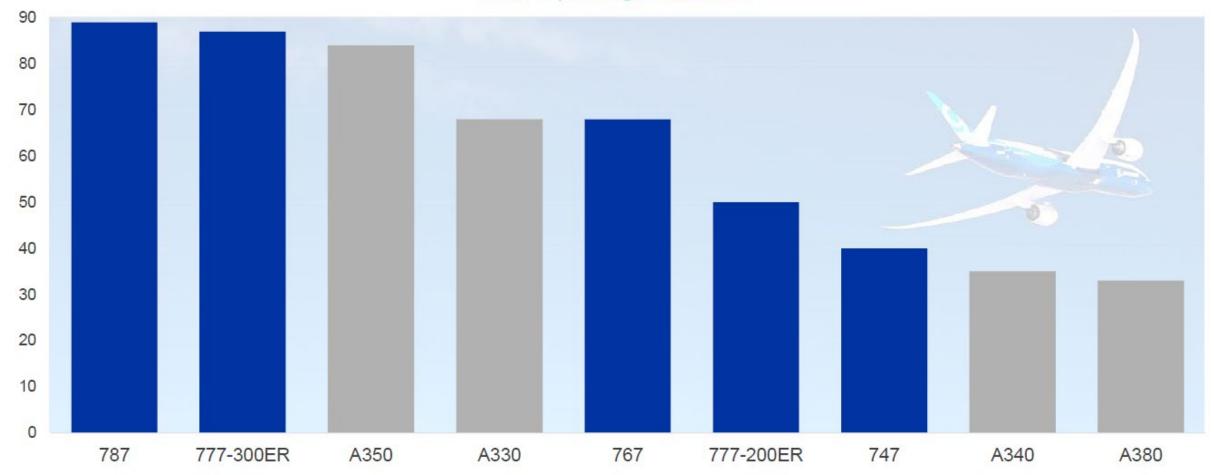
Most versatile widebody in history

787-10

Maximum payload with unmatched efficiency

787 leads widebody utilization





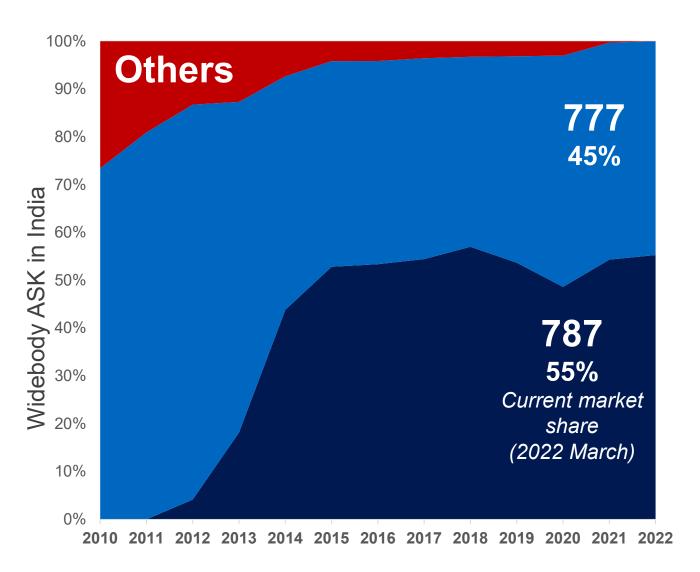
787 opening 52 new markets during pandemic



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Widebody capacity by India domiciled carriers over the last 12 years

787 has gained **6%** market share during the pandemic in India due to its versatility and efficiency









Jumbo capability with twin-engine economics

Unconstrained network growth opportunites

Seamless commonality with 777 & 787 families

777X: the next long-haul market leader



70,000 tonnes less CO₂ per airplane

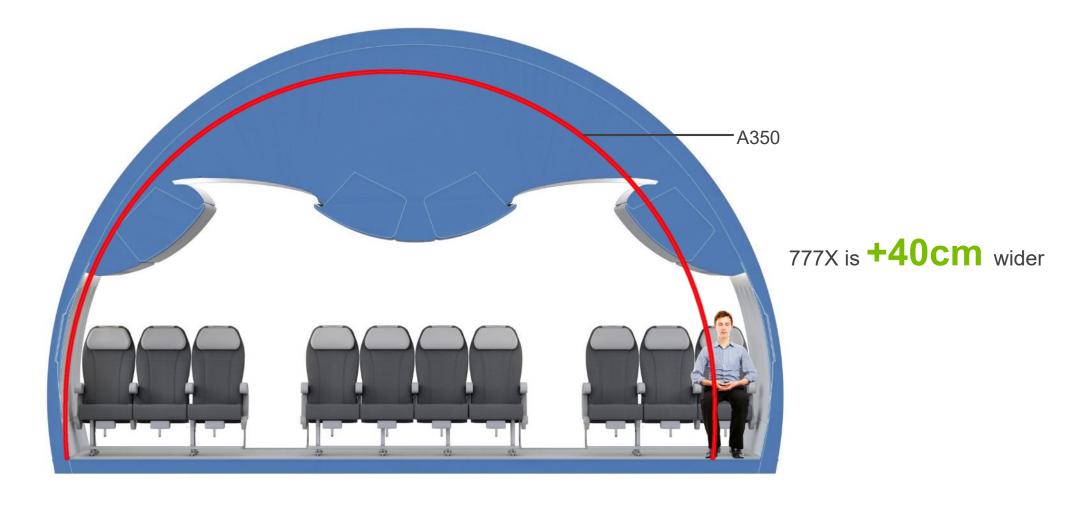
each year compared to A380

8% lower fuel consumption per seat

Compared to the A350-1000

The 777X: A comfortable 10-Abreast economy

The A350 is too narrow for reasonable 10-Abreast seating





777-8F: The next freighter market leader



Highest Payload

118 tonnes structural payload +11.3 than 777F +9.3 than A350F

Lowest Cost

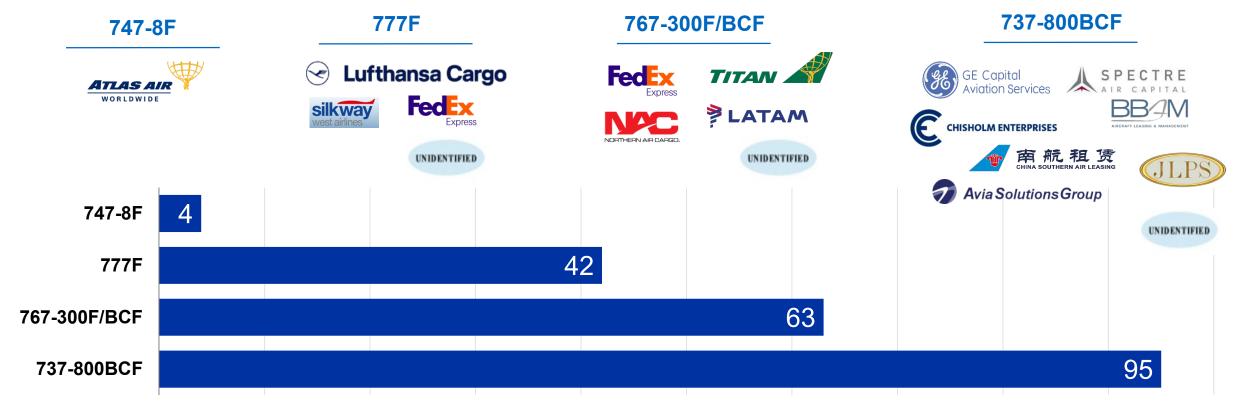
10% lower cost/tonne than 777F 6% lower cost/tonne than A350F Lowest carbon footprint

Most Connected

E-enabled architecture Connected crew, operations Connected cargo, customers

Record sales: 204 freighter orders in 2021

84 Production Freighters and 120 Boeing Converted Freighters (BCF)



*Orders and commitments as of October 31, 2021



Committed to protecting, connecting and exploring our world

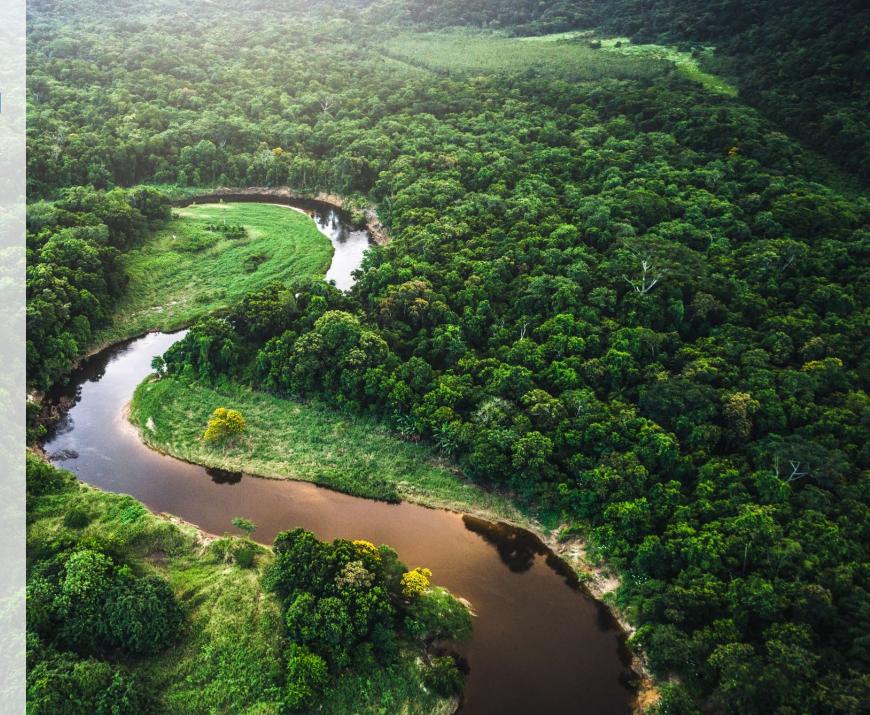
Path to a sustainable future:

Fleet Renewal

Renewable resources

Advanced technology

Operational efficiency



2021 Sustainability Report

https://www.boeing.com/principles/sustainability/annual-report/index.page

Aviation proven resilient over and over again

