



Commercial Market Outlook

Darren Hulst | Boeing Commercial Marketing

November 2019

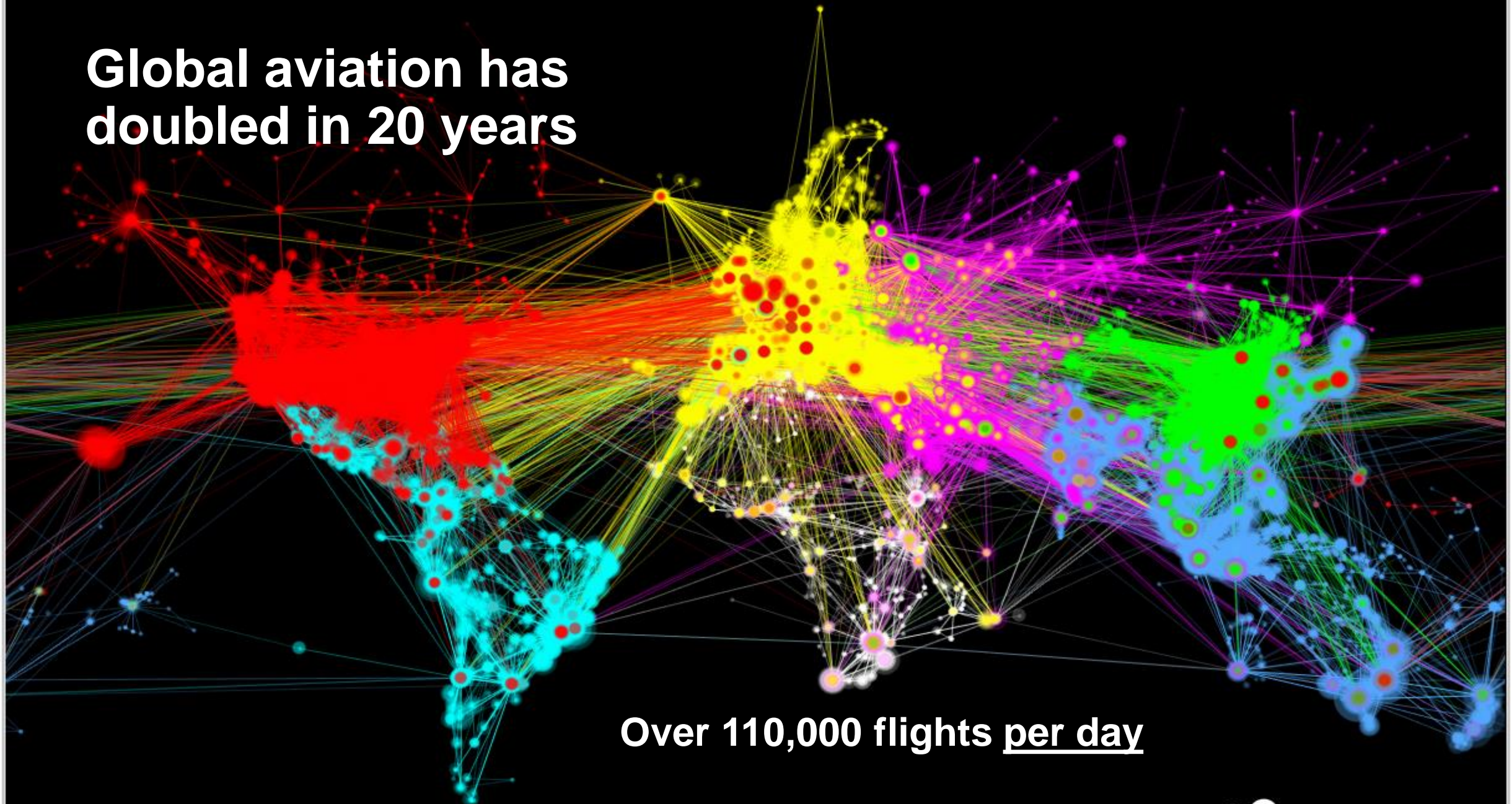
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CSM-DAH-CMO-LATIN-NOV19



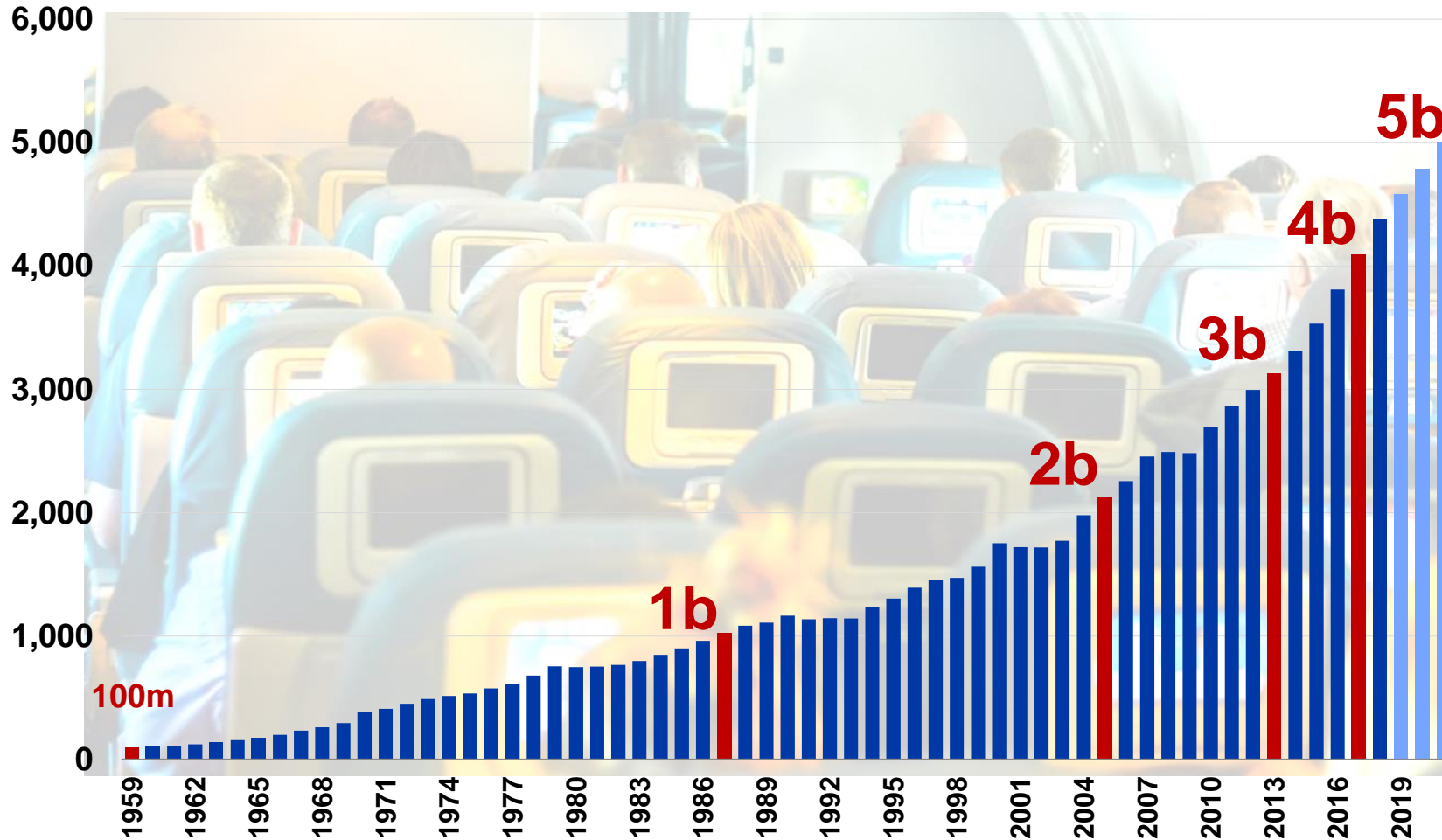
**Global aviation has
doubled in 20 years**



Over 110,000 flights per day

Air travel: **essential** to modern life

Annual passengers (millions)



1.1 billion

Passengers in 1988

4.6 billion

Passengers in 2019

~300 million

added passengers each year

Commercial aviation is an economic engine

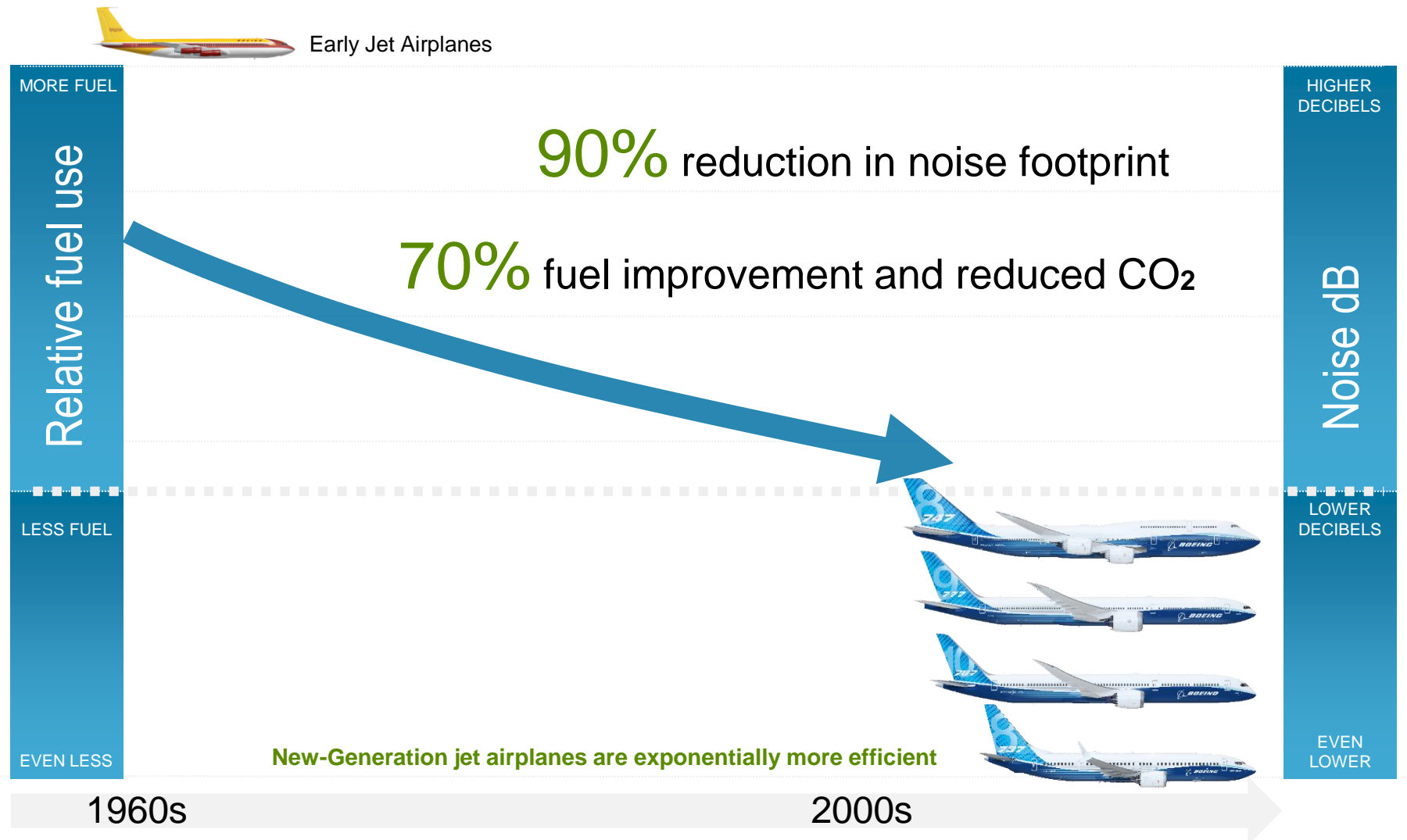
**\$2.7
trillion**
of global
economic impact

3.6%
of global GDP
supported

**65.5
million**
jobs supported by
aviation worldwide

SOURCE: Aviation: Benefits Beyond Borders report, Air Transport Action Group (ATAG), October 2018

More efficient and more capable

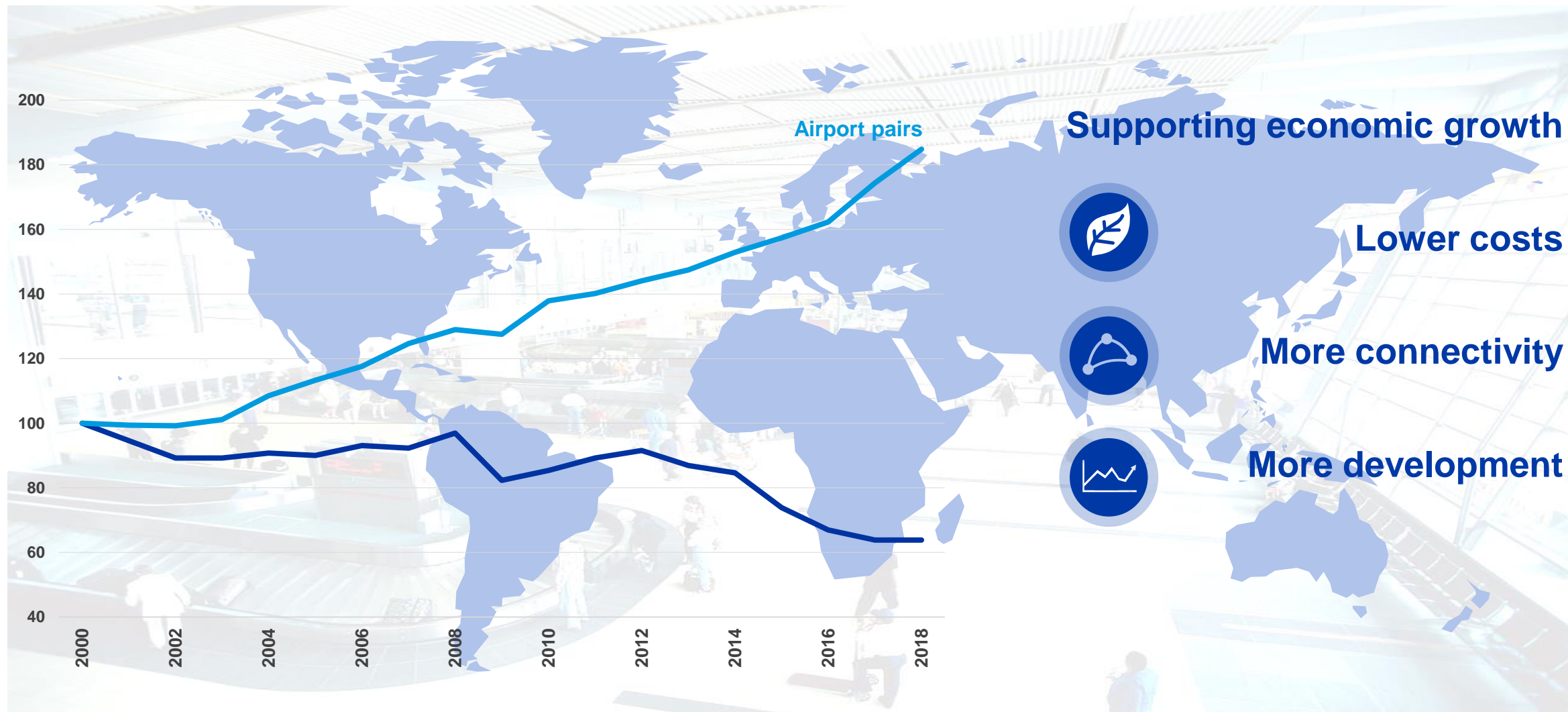


Relentless
innovation
for efficient &
sustainable
growth

Noise footprint based on 85 dBa

Driving more **productivity** and **development**

Accessibility and affordability improving

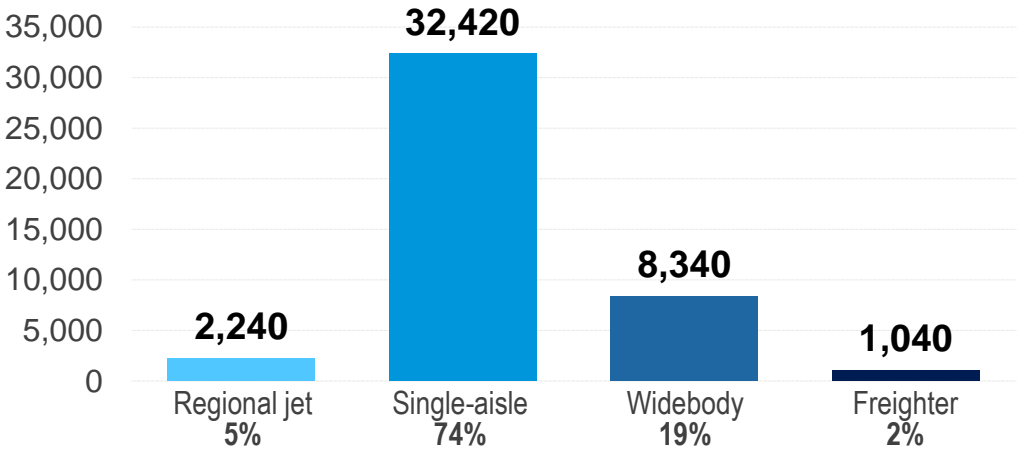




Airlines will need 44,000 new airplanes

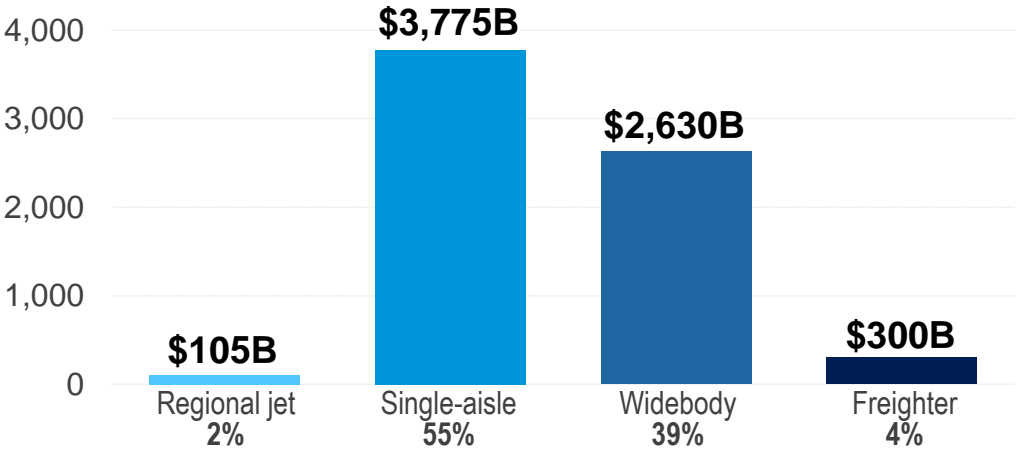
Airplane deliveries: 44,040

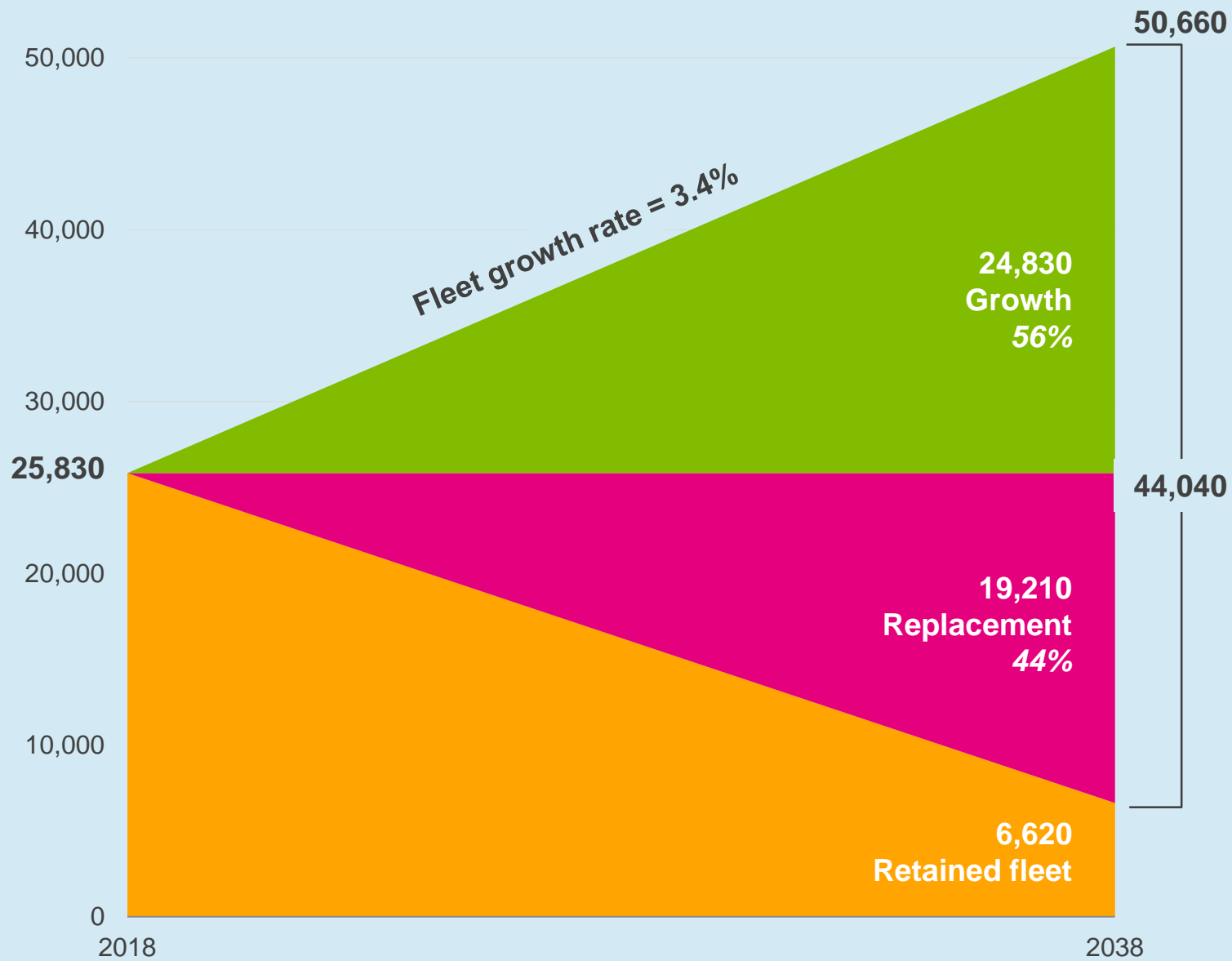
2019 - 2038



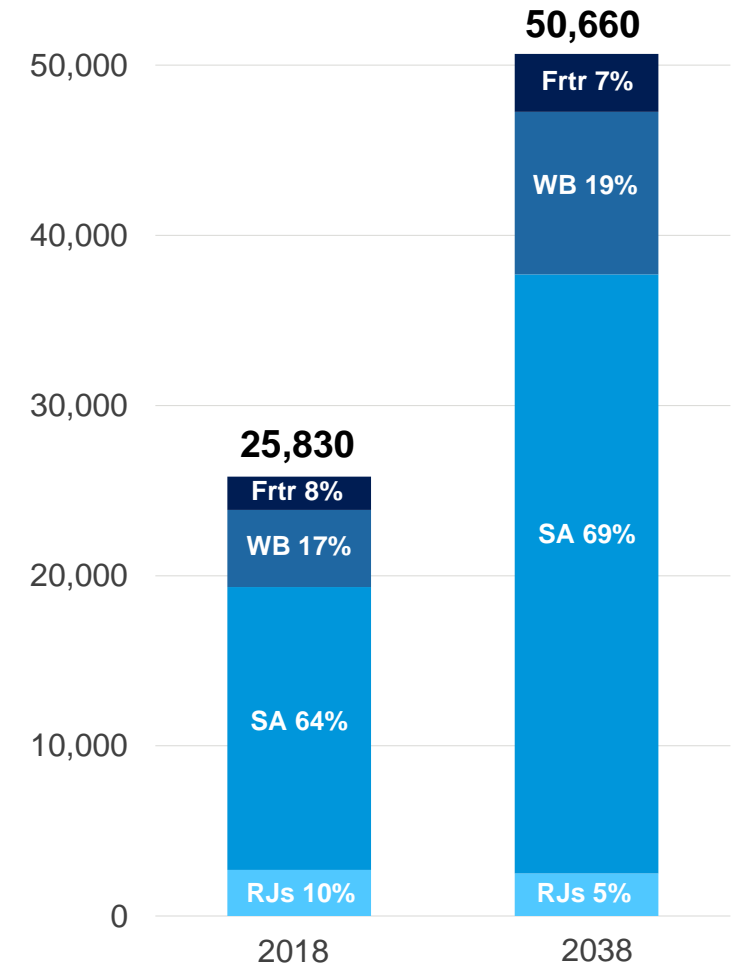
New airplane values: \$6.8T

2019 - 2038





Global fleet will double in size



Latin America aviation impact: \$111 Billion, 3.9 Million Jobs:

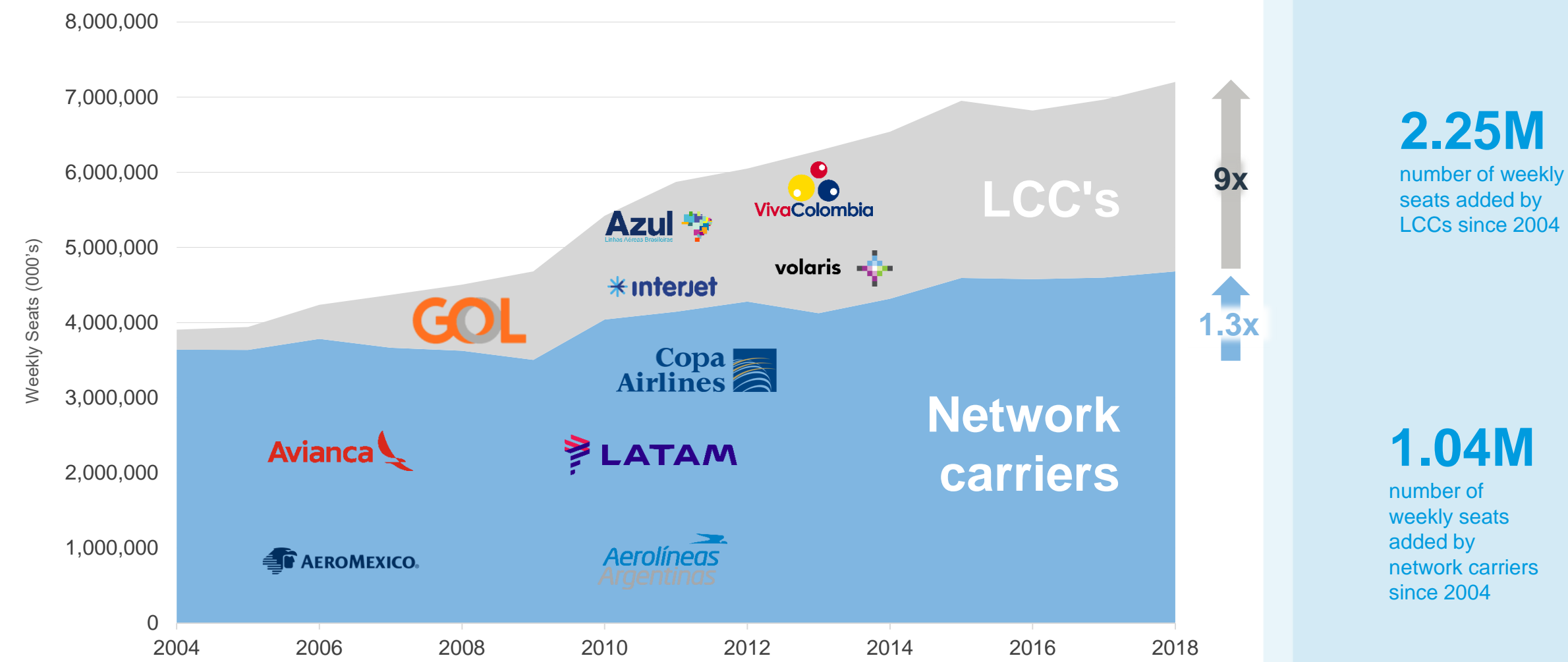


SOURCE: IATA, 2017

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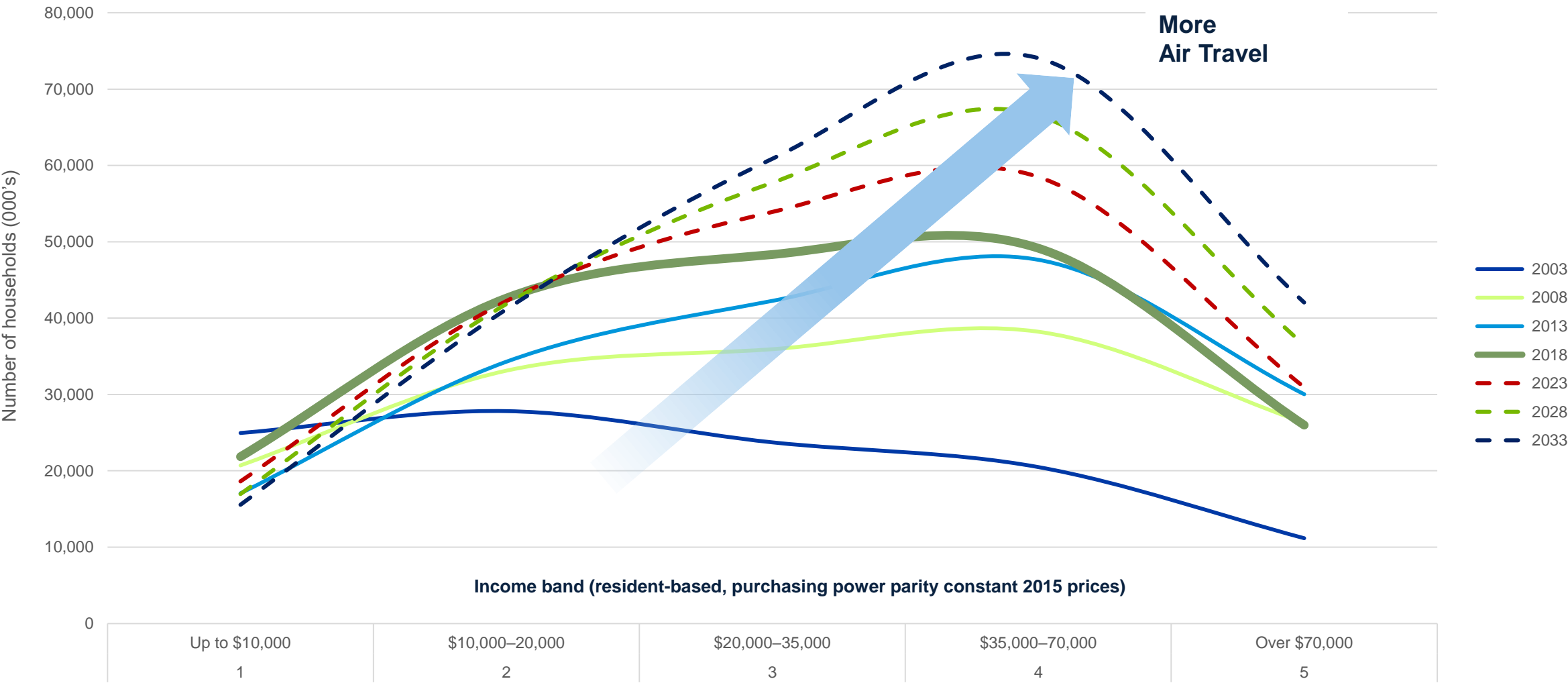
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LCCs have been driving Latin growth for last 15 years



LATIN AMERICA: Rising income levels lead to increased air travel

Projected 40% Growth in 15 years for key middle income bands

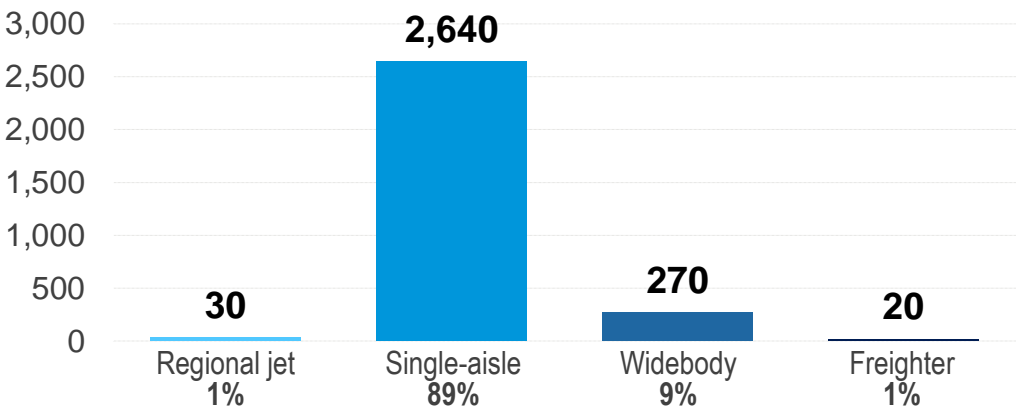


Latin American airlines will need 2,960 new airplanes



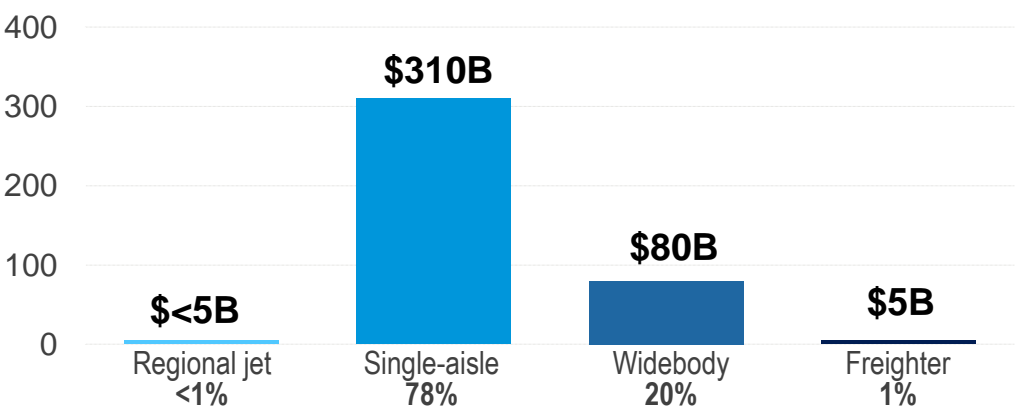
Airplane deliveries: 2,960

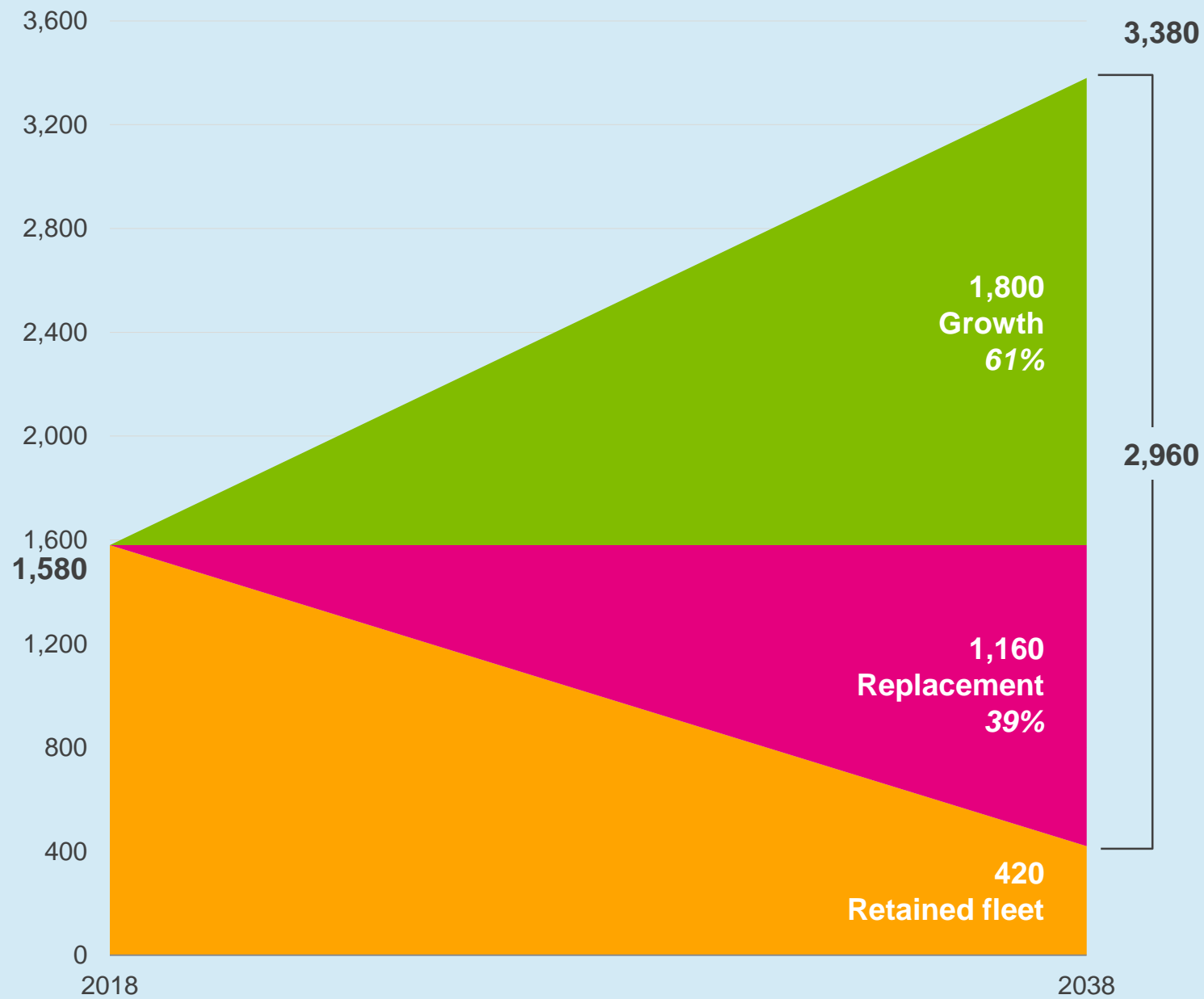
2019 - 2038



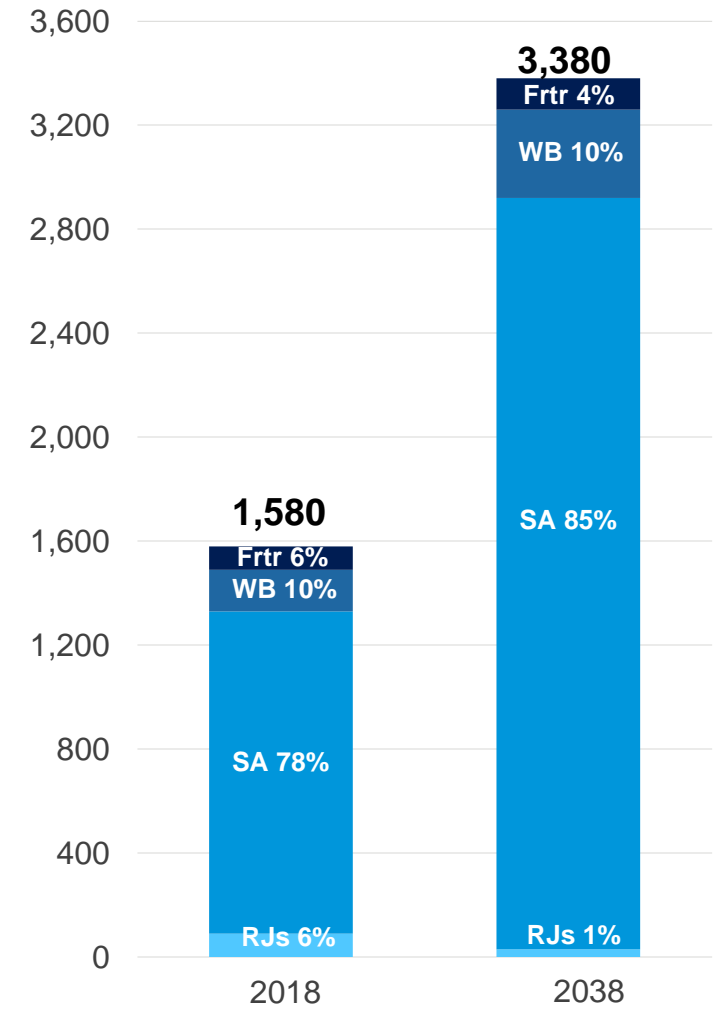
New airplane values: \$395 billion

2019 - 2038





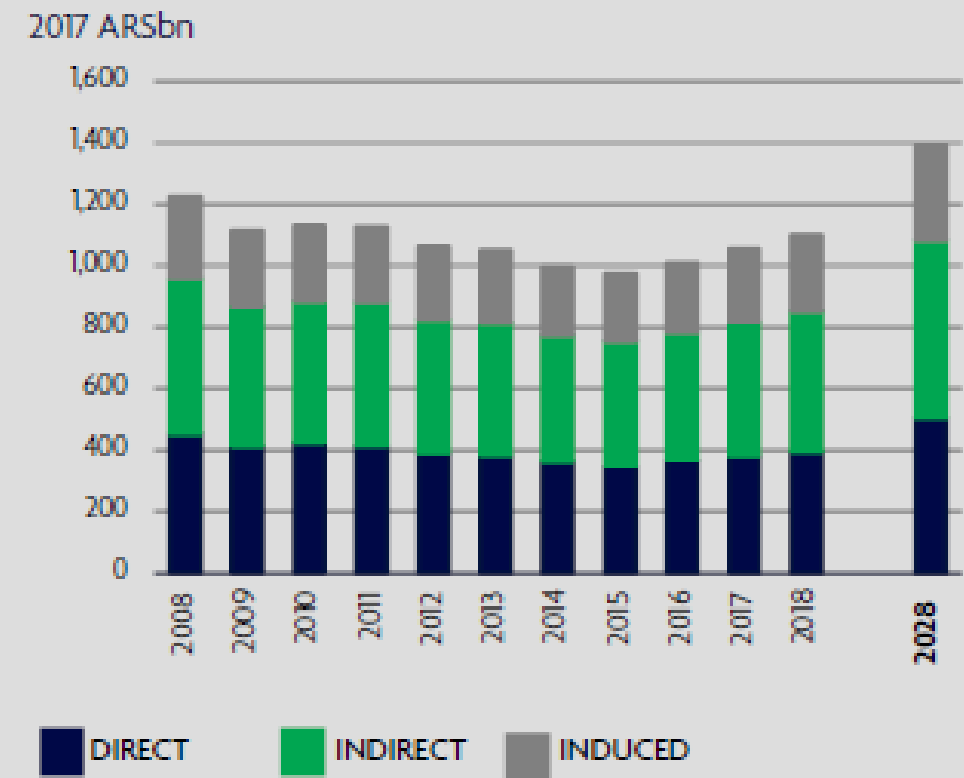
Two-thirds of Latin America deliveries are for growth



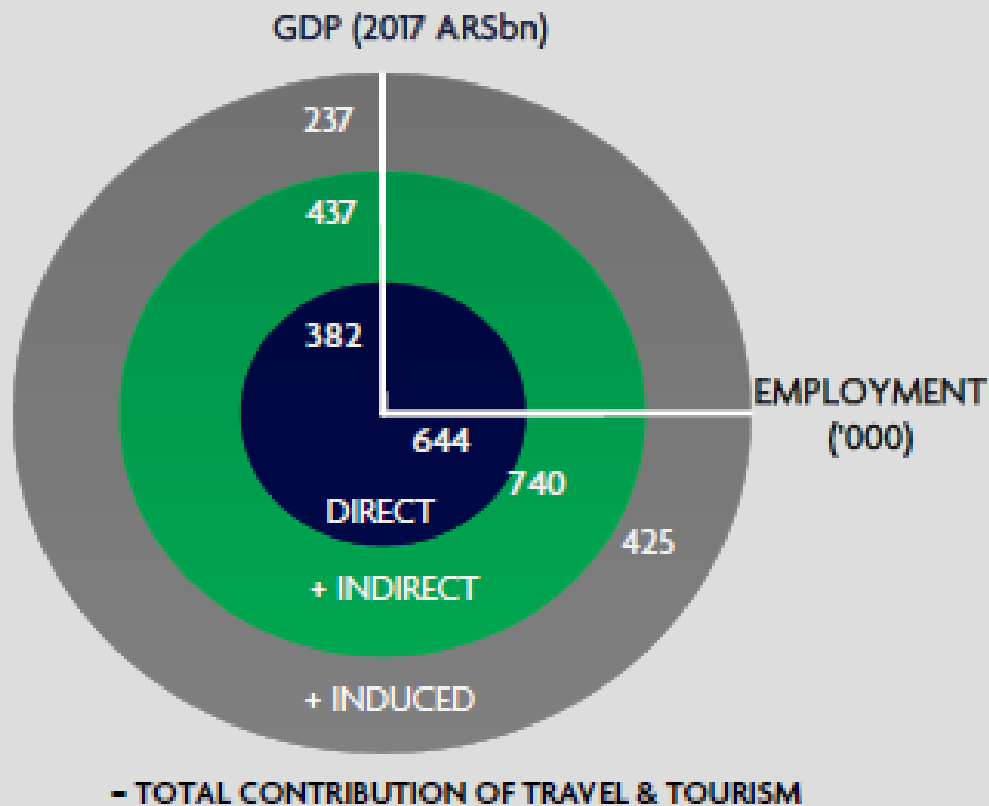
Travel is key to Argentina's economic growth

Direct & Indirect Contribution:
819 Billion ARS & 1.4 Million Jobs

TOTAL CONTRIBUTION OF TRAVEL & TOURISM TO GDP

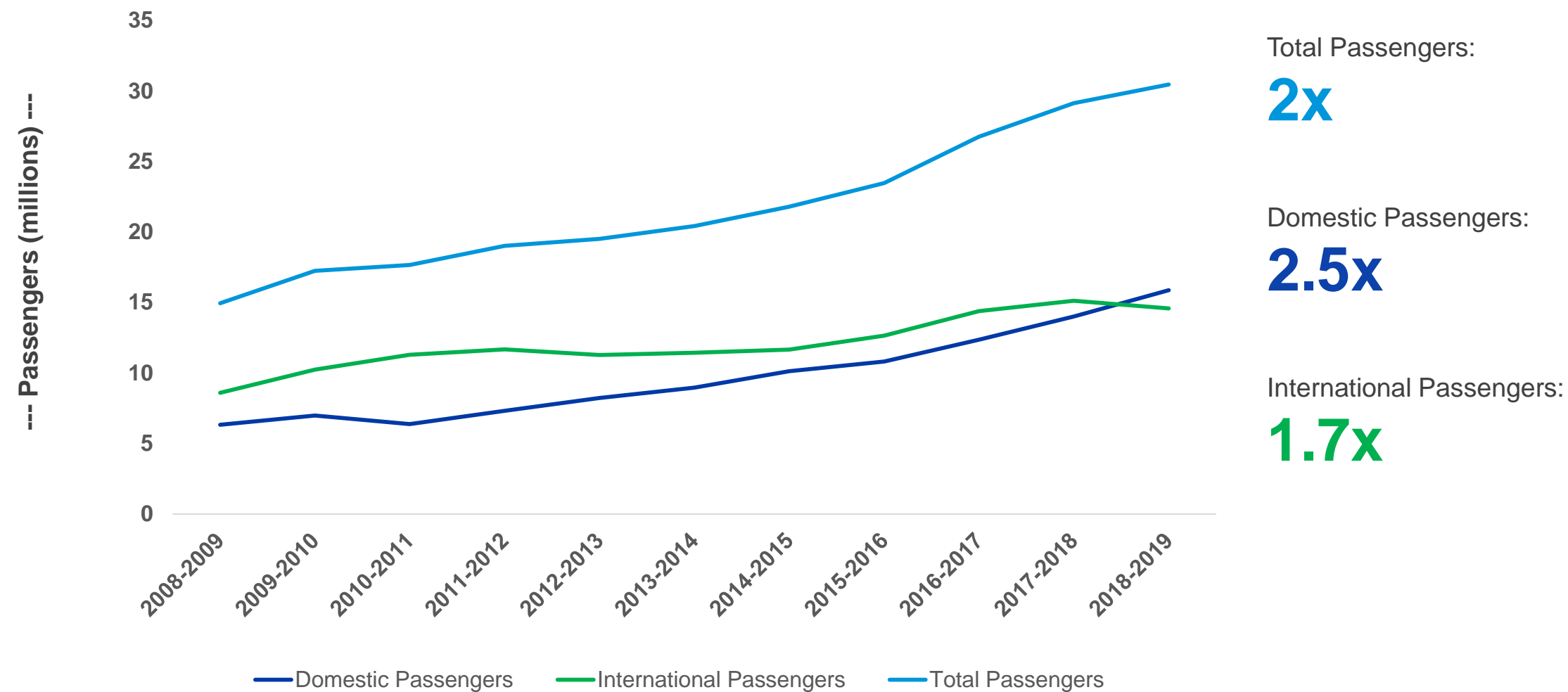


BREAKDOWN OF TRAVEL & TOURISM'S TOTAL CONTRIBUTION TO GDP AND EMPLOYMENT 2017



SOURCE: WTTC (World Travel & Tourism Council)

Strong growth trend in Argentina's aviation market

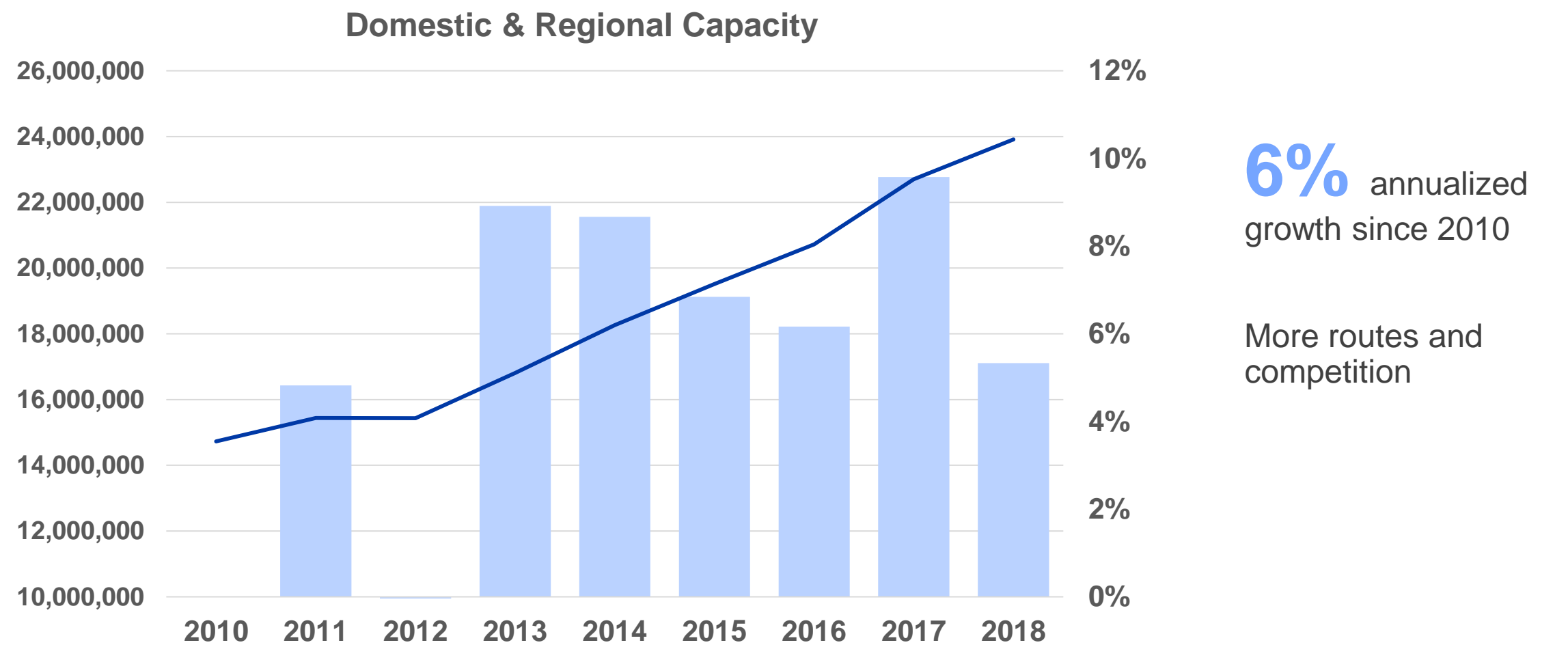


Source: Argentina ANAC

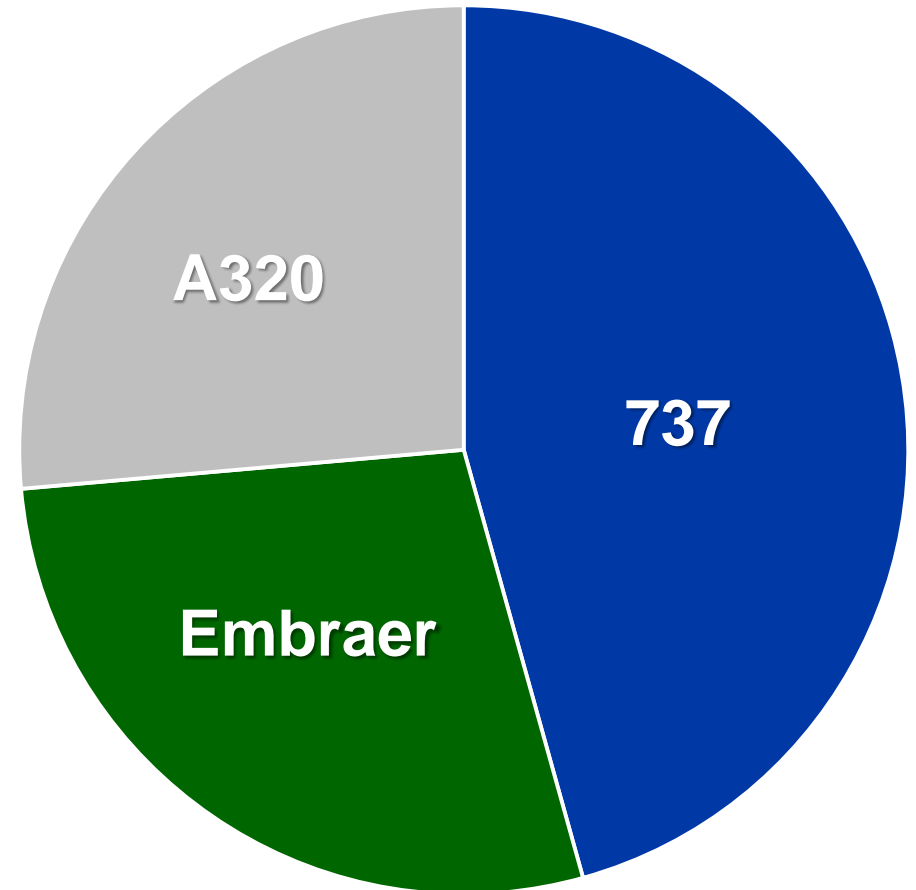


Single-aisle market

Argentina's domestic & regional market has seen significant changes



80 new short-haul routes this decade from Argentina



737 MAX 10 – the most efficient single-aisle aircraft

Compared to the A321

650+ orders and commitments from 20+ customers



4 tonnes lighter



7% less fuel/seat



7% lower cost/seat



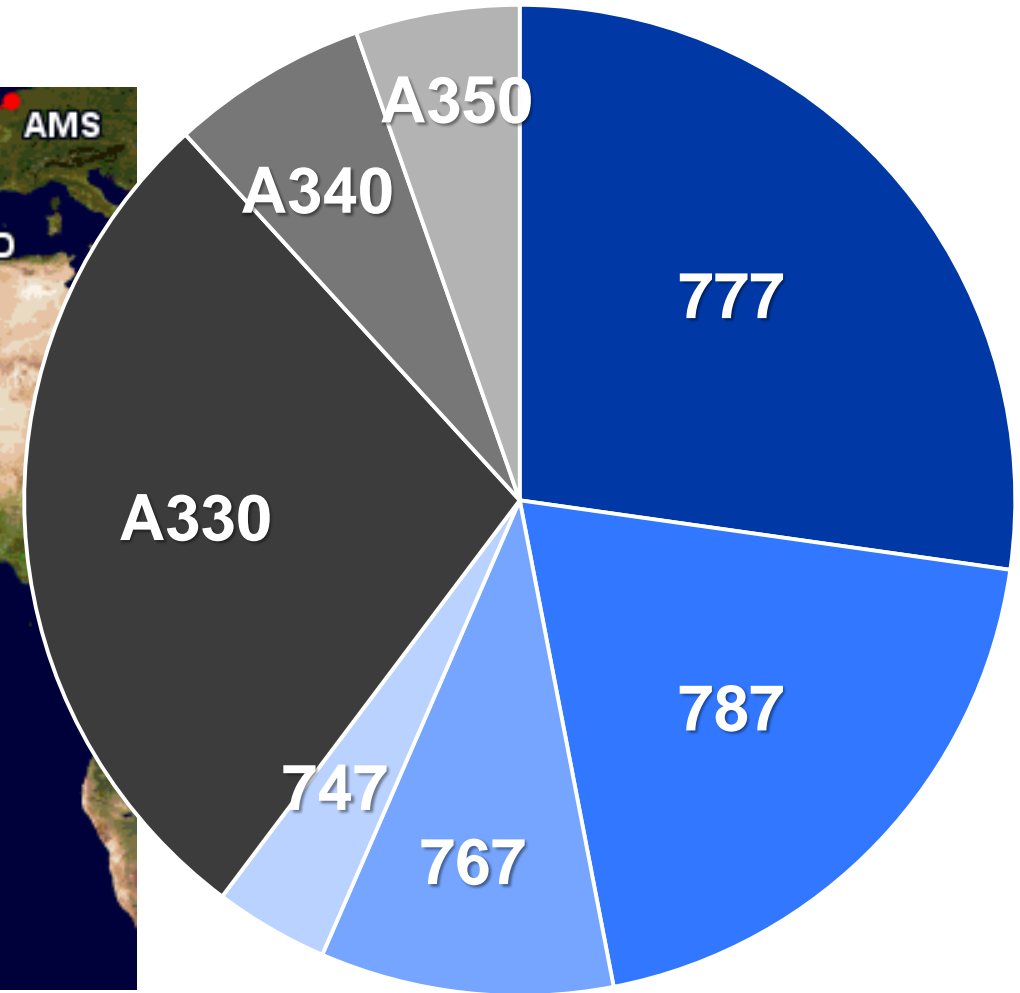
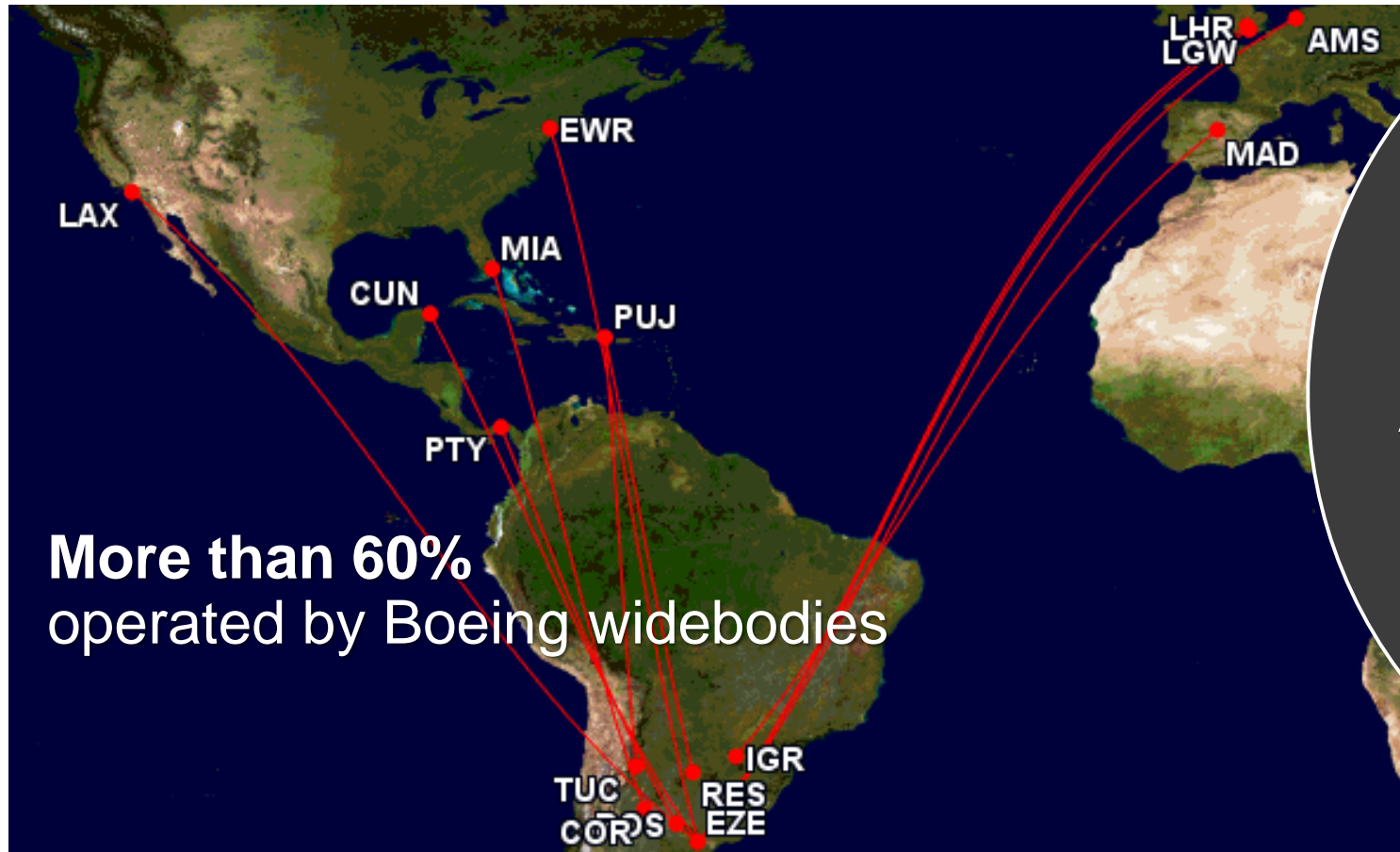
Widebody market

Dynamic global long-haul expansion

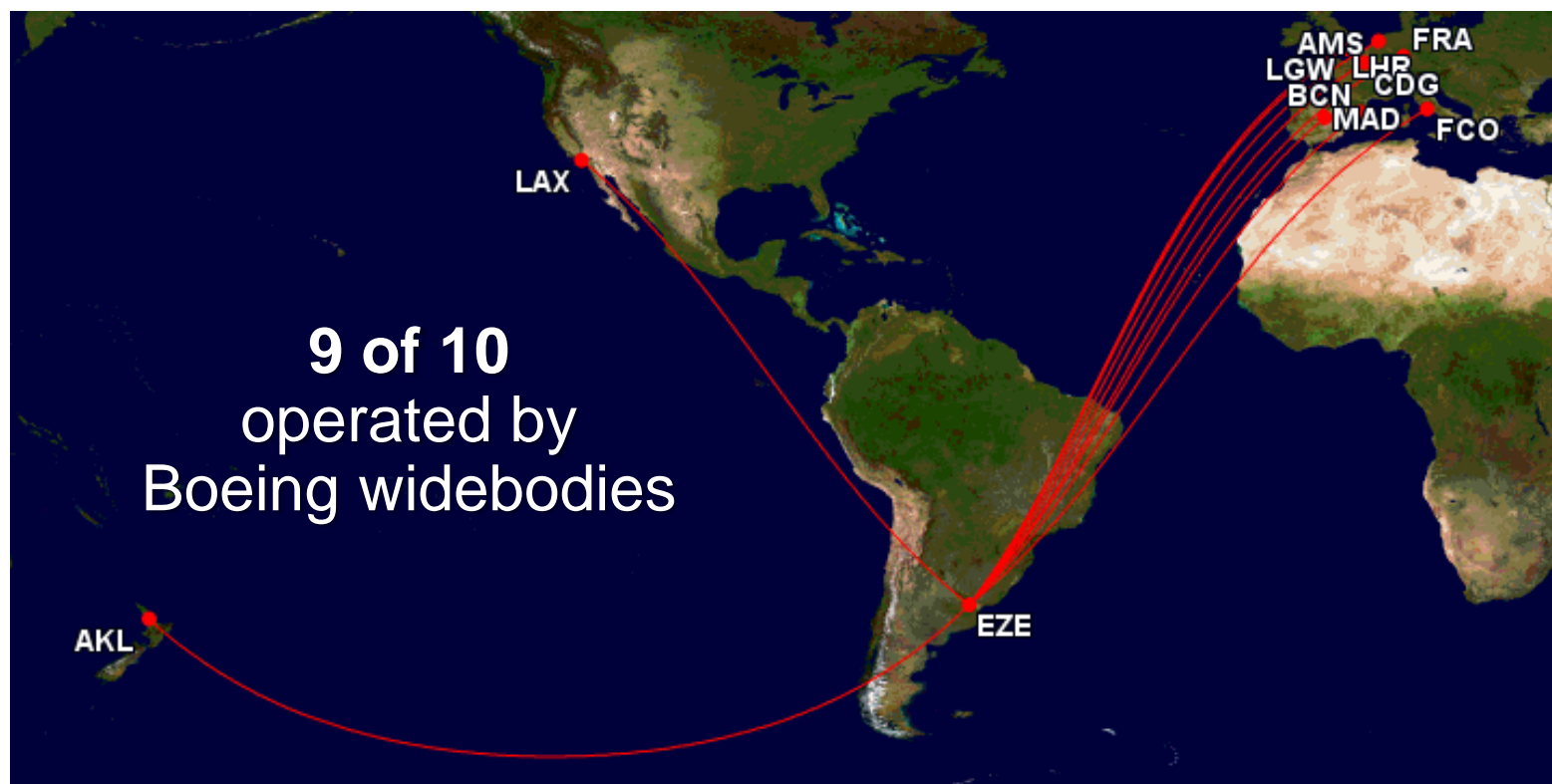


25 long-haul citypairs from Argentina

11 new citypairs in past decade



Longest-haul Argentina routes: **Europe and Pacific**



Market	Aircraft
Buenos Aires – Frankfurt	747
Buenos Aires – Amsterdam	787
Buenos Aires – Rome	777
Buenos Aires – London/LHR	777
Buenos Aires – London/LGW	787
Buenos Aires – Paris	777
Buenos Aires – Barcelona	A330
Buenos Aires – Auckland	777
Buenos Aires – Madrid	787
Buenos Aires – Los Angeles	787

787 Dreamliner: most innovative & efficient airplane family



-8

New market
opener

-9

Most versatile
widebody

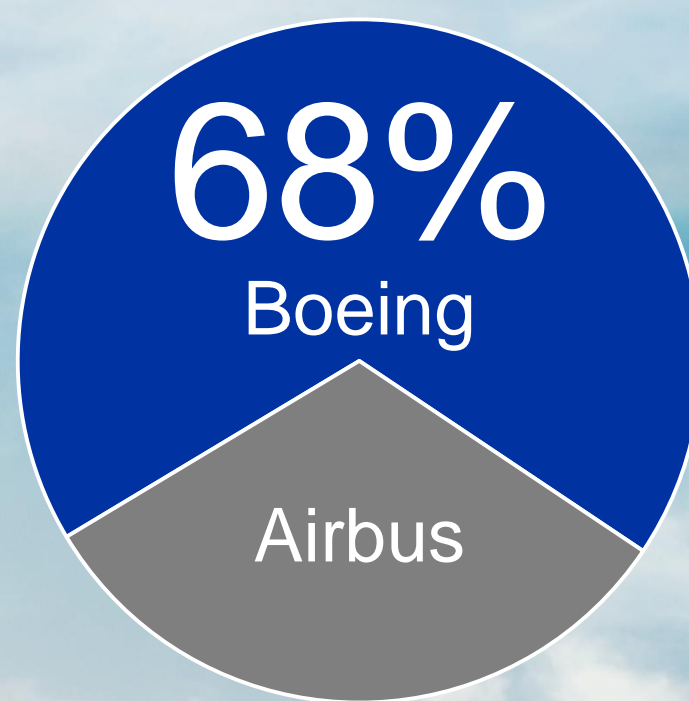
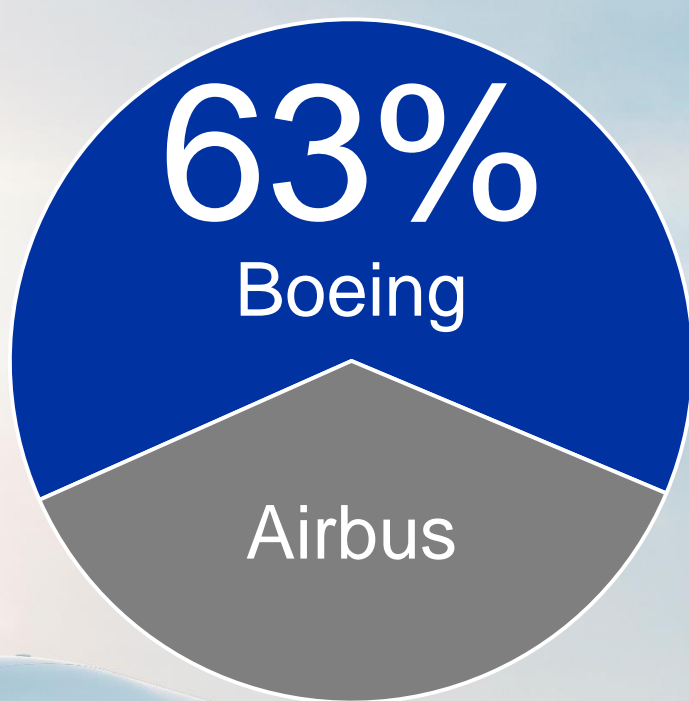
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The new efficiency
standard

787-10: the new benchmark



More revenue for less risk



WIDEBODY
DELIVERIES
2014-2018

WIDEBODY
ORDERS
2014-2018

Summary

A photograph of a Boeing aircraft manufacturing facility. In the foreground, three Boeing 737 MAX aircraft are parked on a tarmac, facing right. They have blue and white livery with the Boeing logo and '737 MAX' on the tail. In the background, a large, modern building with a curved, glass facade and a prominent overhang is visible. The sky is clear and blue.

Argentina seeing dynamic growth with deregulation

Tremendous future growth potential

Innovation & efficiency key to the future