Aviation connects and unites us!

Airbus Global Market Forecast 2021 - 2040

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Covid in numbers – key data

An unprecedented shock

	2019	2020	2021* (YoY)
RPK	5.0% RPK growth	-66% RPK decrease	18% RPK increase
GDP	2.7% GDP growth	-3.5% GDP decrease	5.6% GDP increase
Passengers	+200 million passengers	-2,700 million passengers	+470 million passengers
Load factor	82.5% Record Load factor	65.1% Load factor	67.1% Load factor

* IATA industry statistics Fact Sheet released in Oct. 2021 (2021 vs. 2020)
Source: ICAO, IATA, IHS Markit, Airbus

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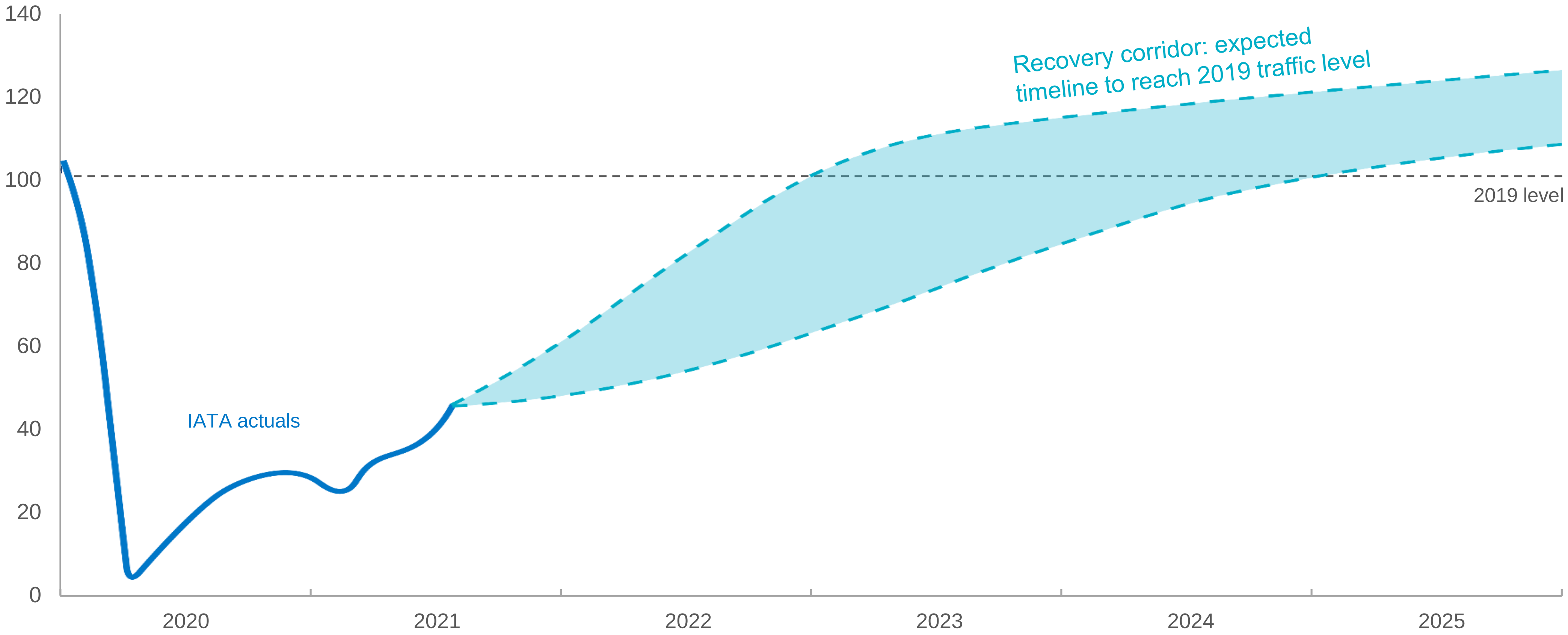
Airbus expects a full recovery of air traffic between 2023 and 2025

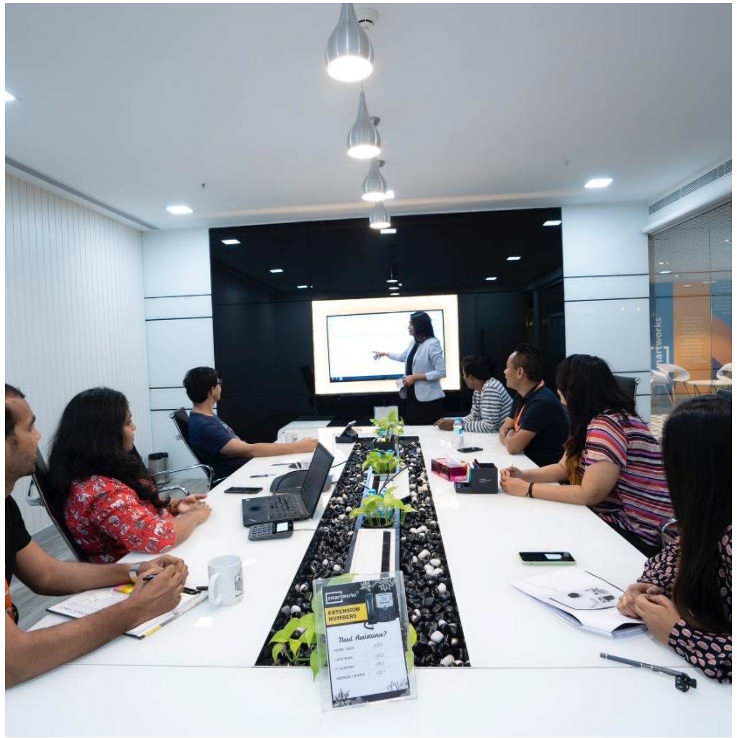
Traffic (RPKs) base 100 compared to equivalent month in 2019



Source: OAG, FR24, SABRE, IATA, IHS Markit, OWID,
September 21 projection from Airbus GMF

New trends are emerging but too early to estimate traffic impact

Social and environmental considerations will play a role



Corporate travel evolution

(Alternative) Energy cost

Environment awareness and passenger behaviour

Source: Airbus GMF

Aviation economic benefits extend beyond our industry

$3.5 trillion contribution to annual global GDP (4%) and **87 million jobs**

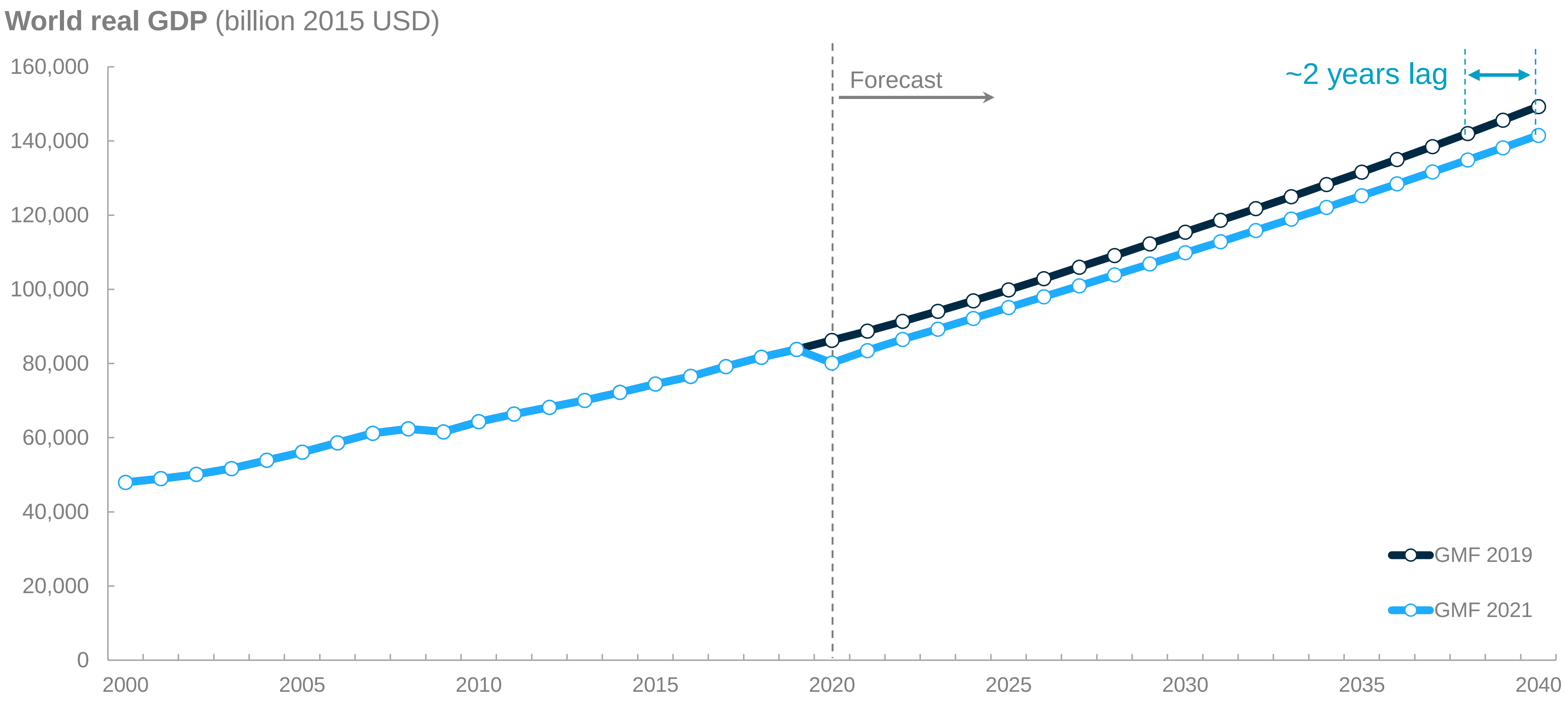
Support tourism industry, **over 10% of world GDP**; with many small country over 25%

Connect small islands to essential business, education and health services overseas

Carries **35% of World trade** in value

Source: ATAG, Airbus GMF 2021

GDP remains the fundamental long term driver for traffic growth



Source: IHS Markit, Airbus GMF

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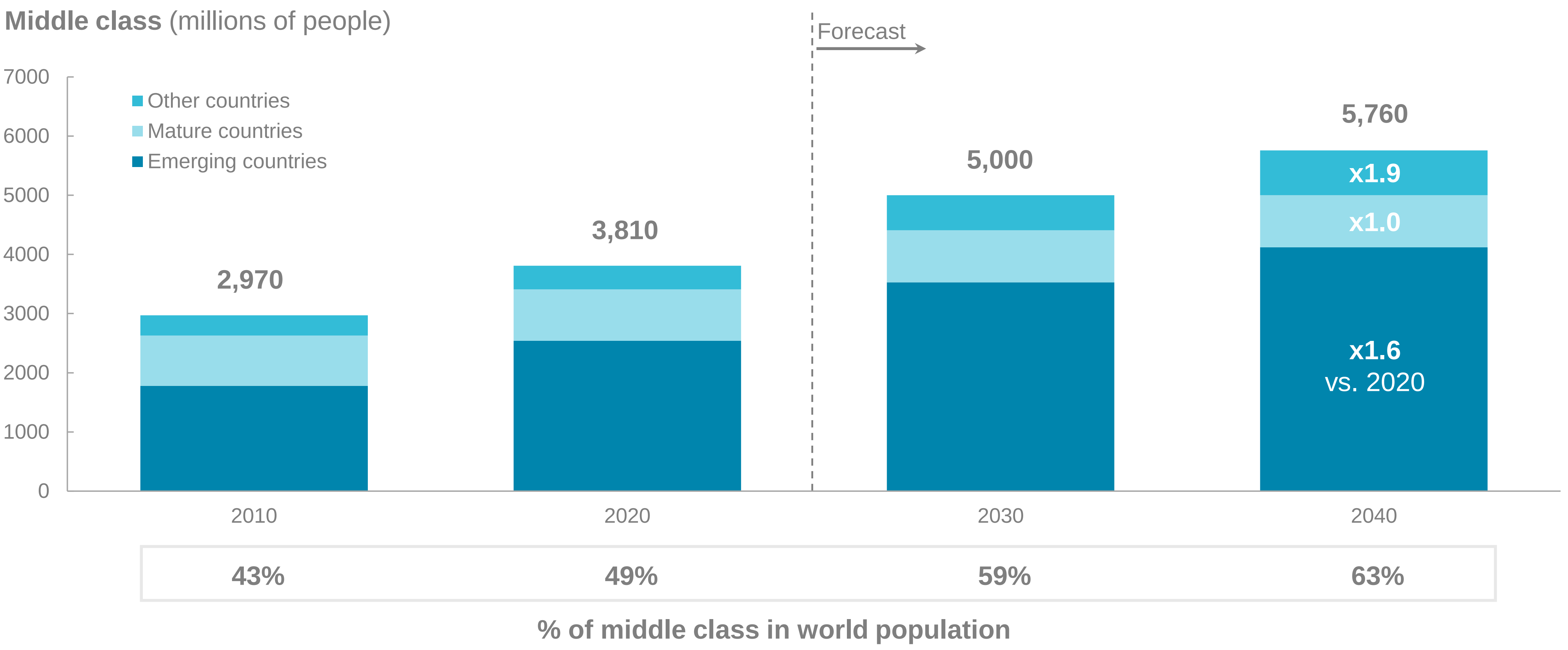
Middle class will enlarge both in relative and absolute numbers



Middle class: Households with yearly income between $20,000 and $150,000 at PPP in constant 2015 US$
Source: Oxford Economics, Airbus GMF

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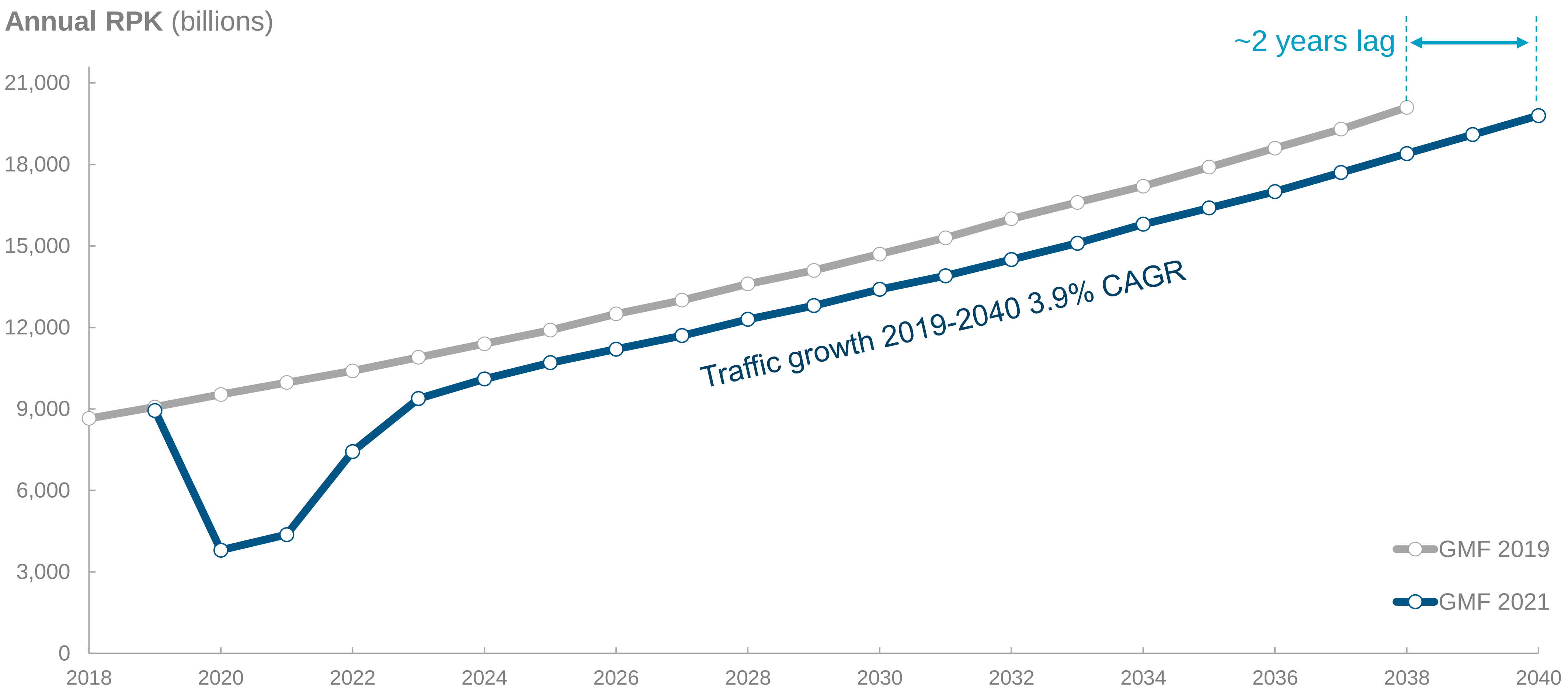
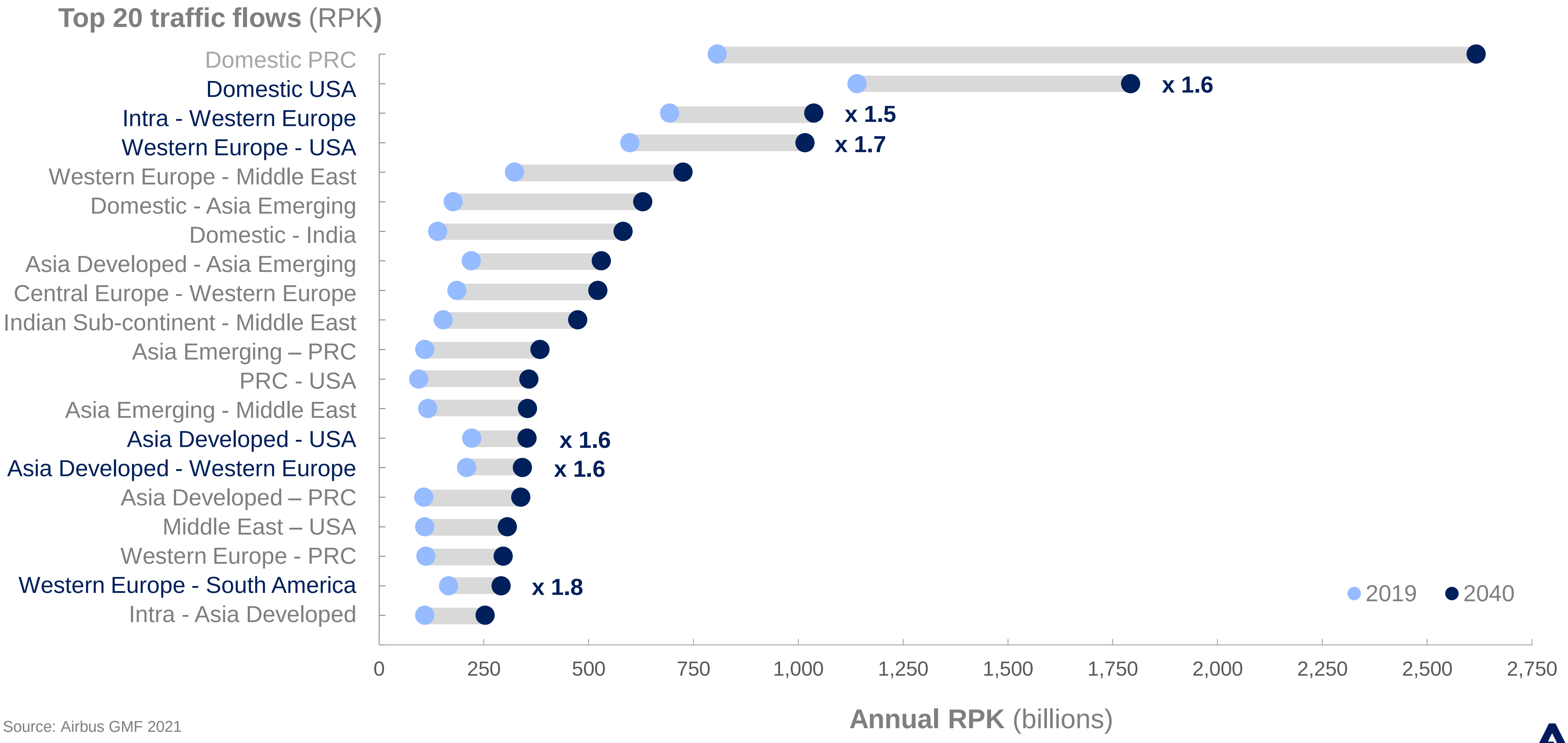
Traffic to reconnect to pre-crisis trend with 2 years shift



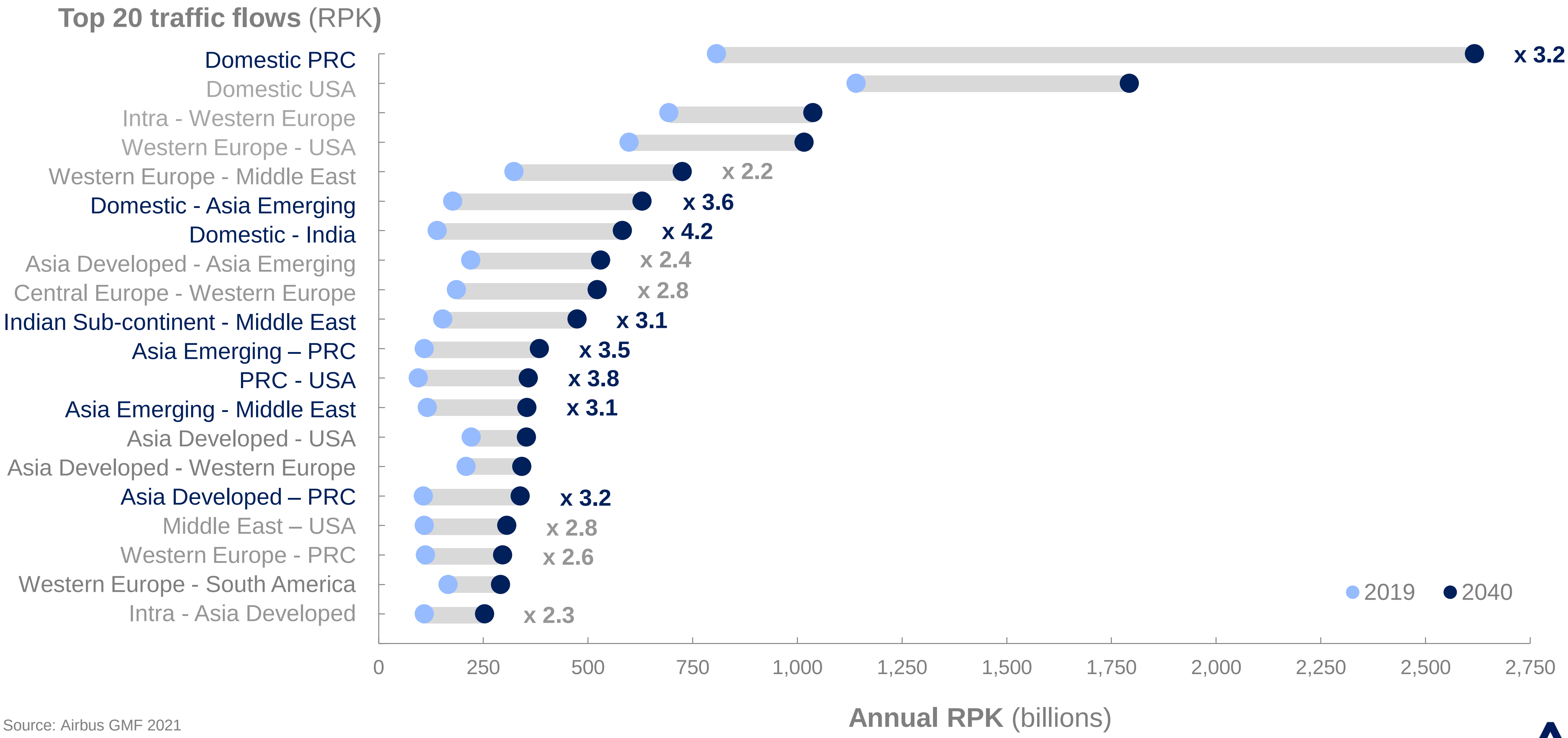
Source: IHS, Airbus GMF

Mature flows will grow by approx. 2-3% per year



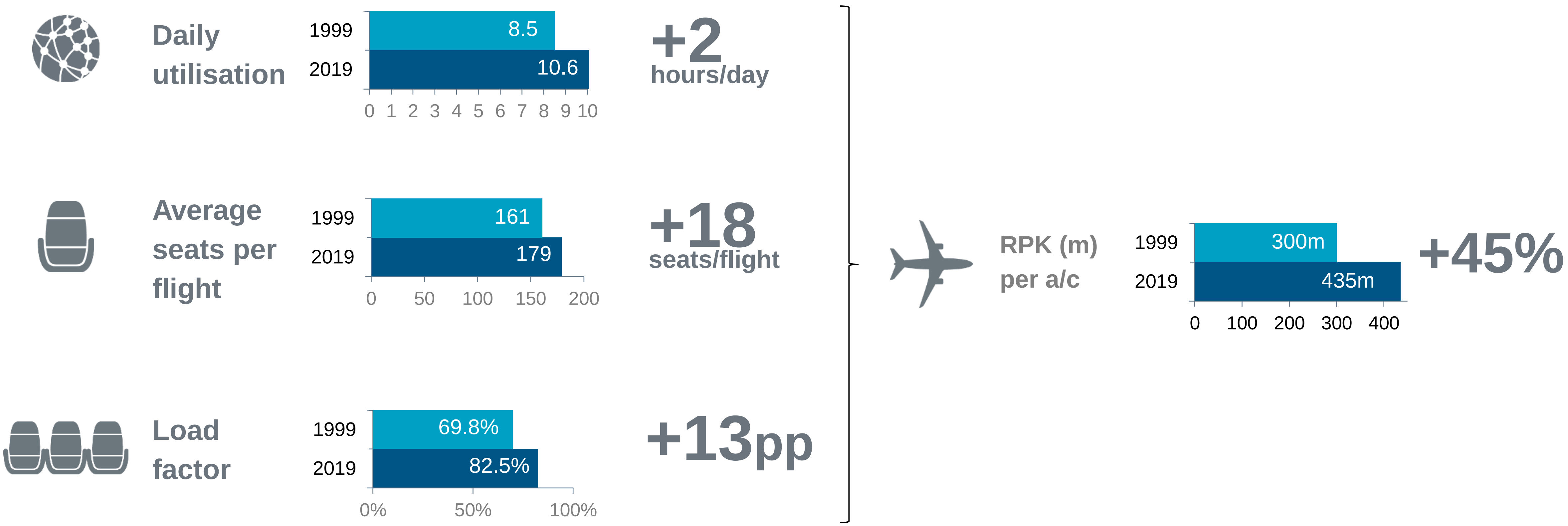
Source: Airbus GMF 2021

Domestic PRC to become the largest flow. Highest growth to/ from/ within Asia



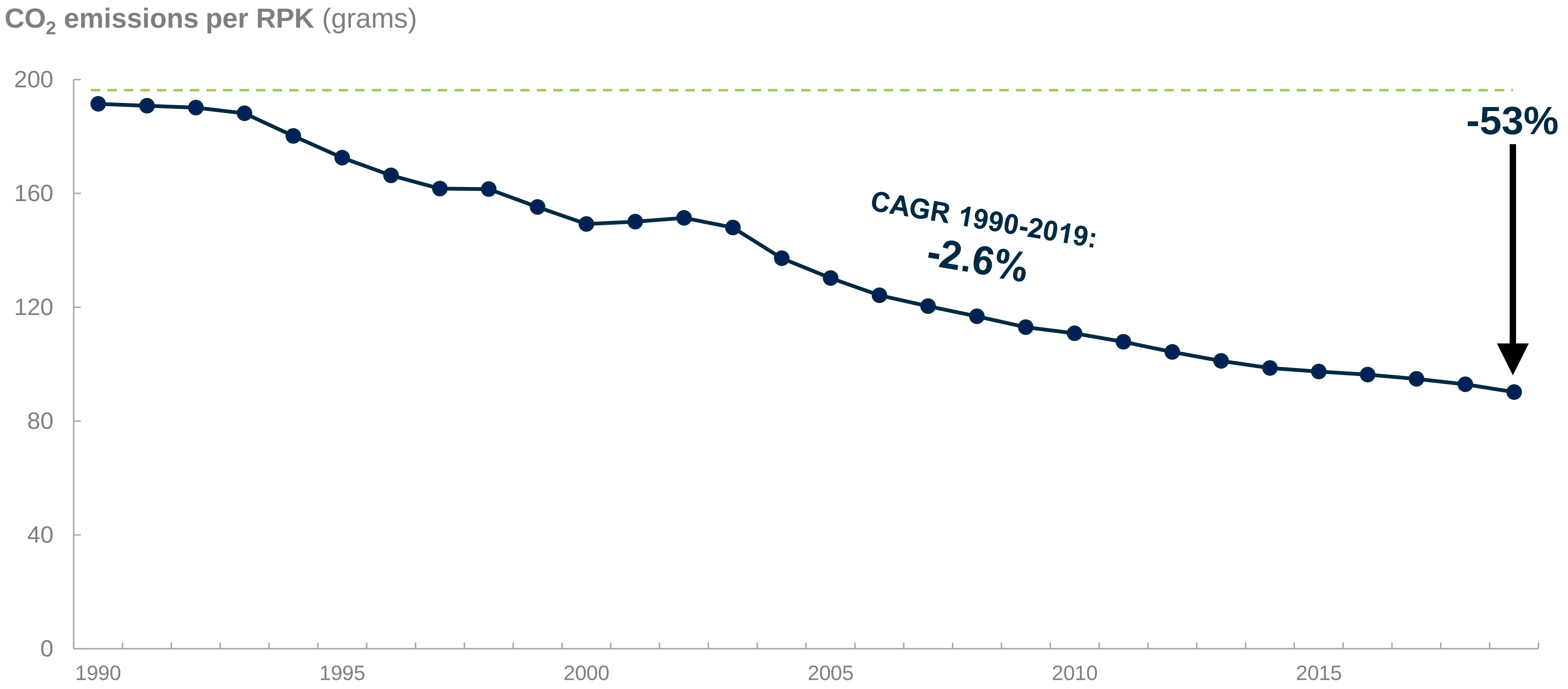
Source: Airbus GMF 2021

Strong industry track record on productivity improvement



Source: IATA, ICAO, Cirium, OAG, Airbus

Generating considerably lower emissions per Revenue Passenger Kilometre



Source: IATA, ICAO, EDGAR CO2 emissions, Airbus

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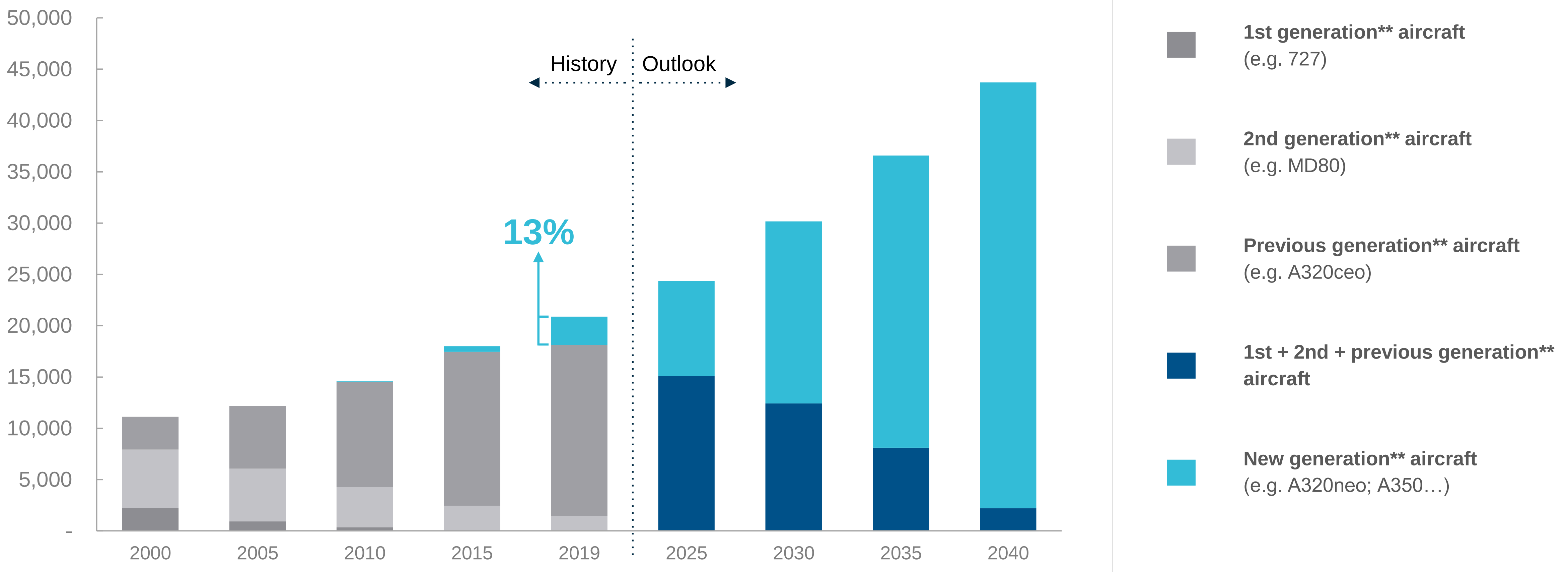
Only 13% of 2019 fleet in service were new generation aircraft

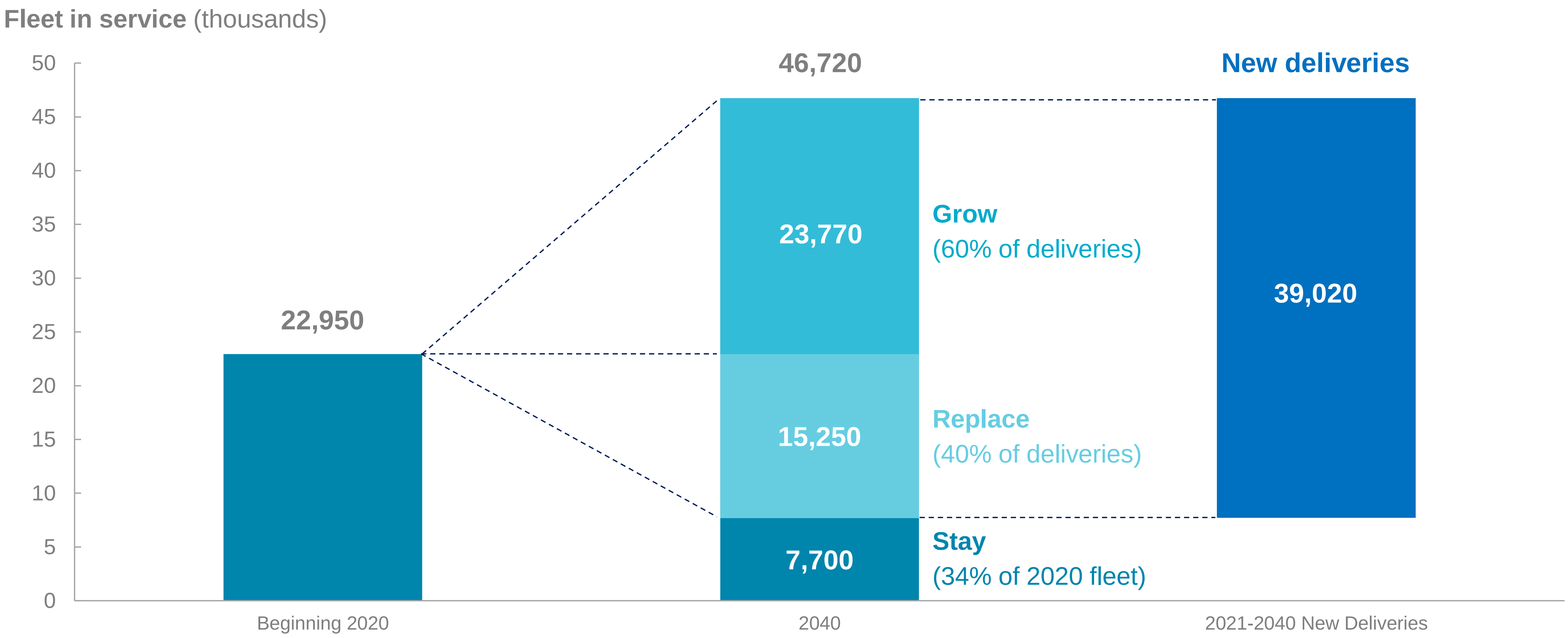
Number of passenger aircraft in service*



Source: Cirium, Airbus

* Western built passenger aircraft above 100 seats – pax aircraft only / **1st generation: A300, DC 9, DC10, 707, 727, 737, 747 / 2nd generation: A310, MD11, MD80, MD90,737, 747, 757, 767, F100
Previous generation: A320 Fam., A330, A340, 717,737NG, 747, 777 / New generation: A220, A320neo Fam., A330neo, A350, A380, 737Max, 777X, 787 & new programs

Demand for some 39,000 aircraft over the next 20 years



Notes: Passenger aircraft (≥100seats) & Freight (>10t) | Rounded figures to nearest 10
Source: Airbus GMF 2021

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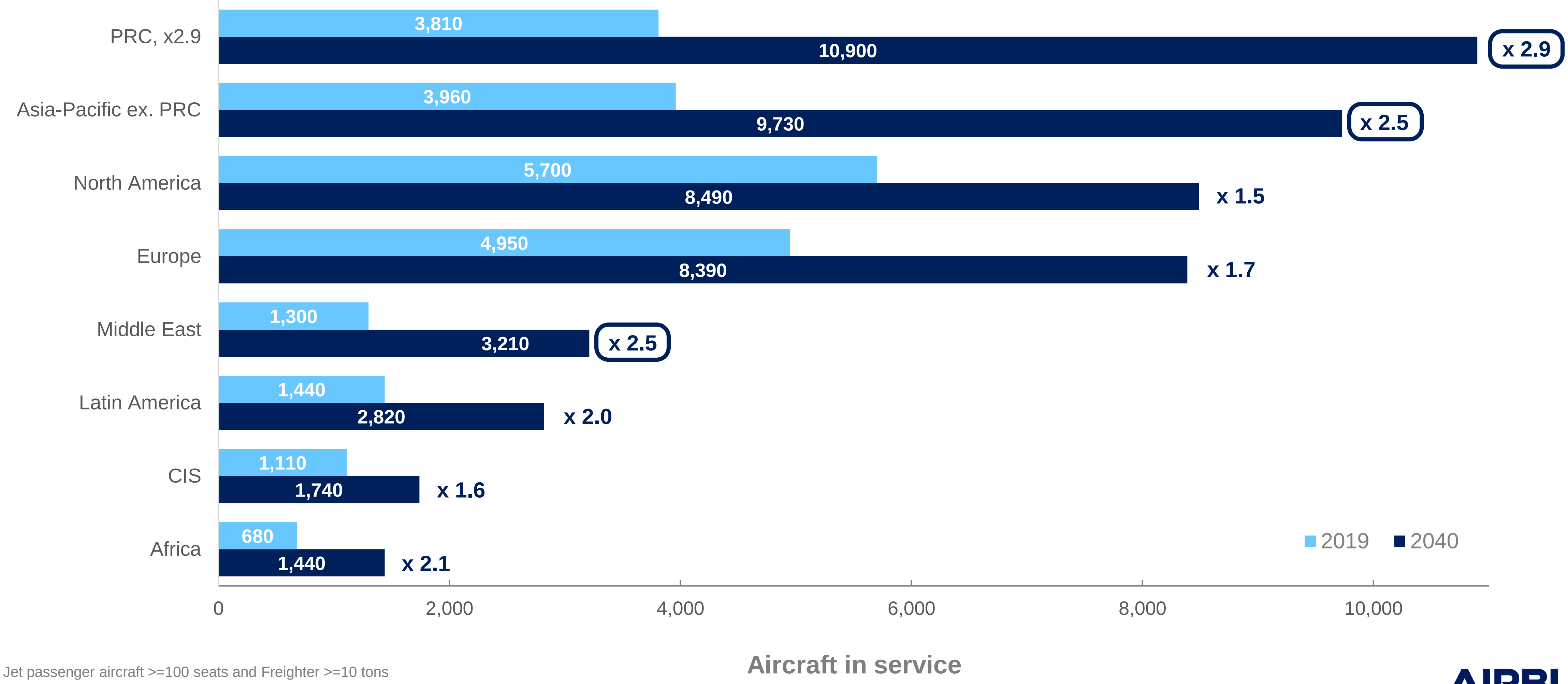
Out of the 2021-2040 demand, 76% is for small aircraft category

SMALL	MEDIUM	LARGE
29,690 aircraft	**5,340** aircraft	**3,990** aircraft
76% share of total new del.	**14%** share of total new del.	**10%** share of total new del

Jet Passenger aircraft >=100 seats and Freighter >=10 tons
Source: Airbus Market Forecasts
Note: demand for all commercial aircraft above 100 seats & freighters above 10t

2019-2040 fleet in service



Jet passenger aircraft >=100 seats and Freighter >=10 tons
Source: Airbus Market Forecasts

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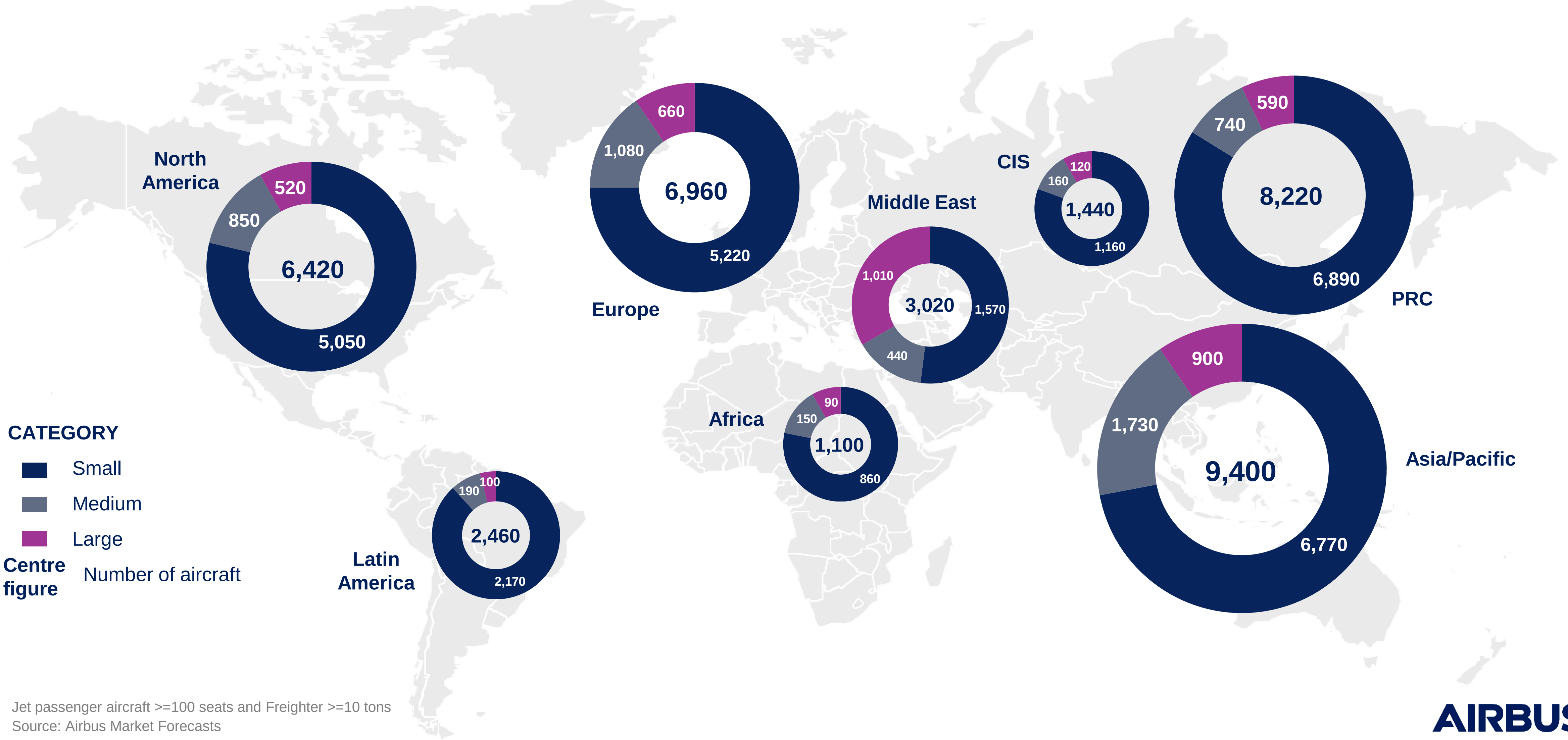
Large aircraft demand more concentrated in Middle-East and Asia



Jet passenger aircraft >=100 seats and Freighter >=10 tons
Source: Airbus Market Forecasts

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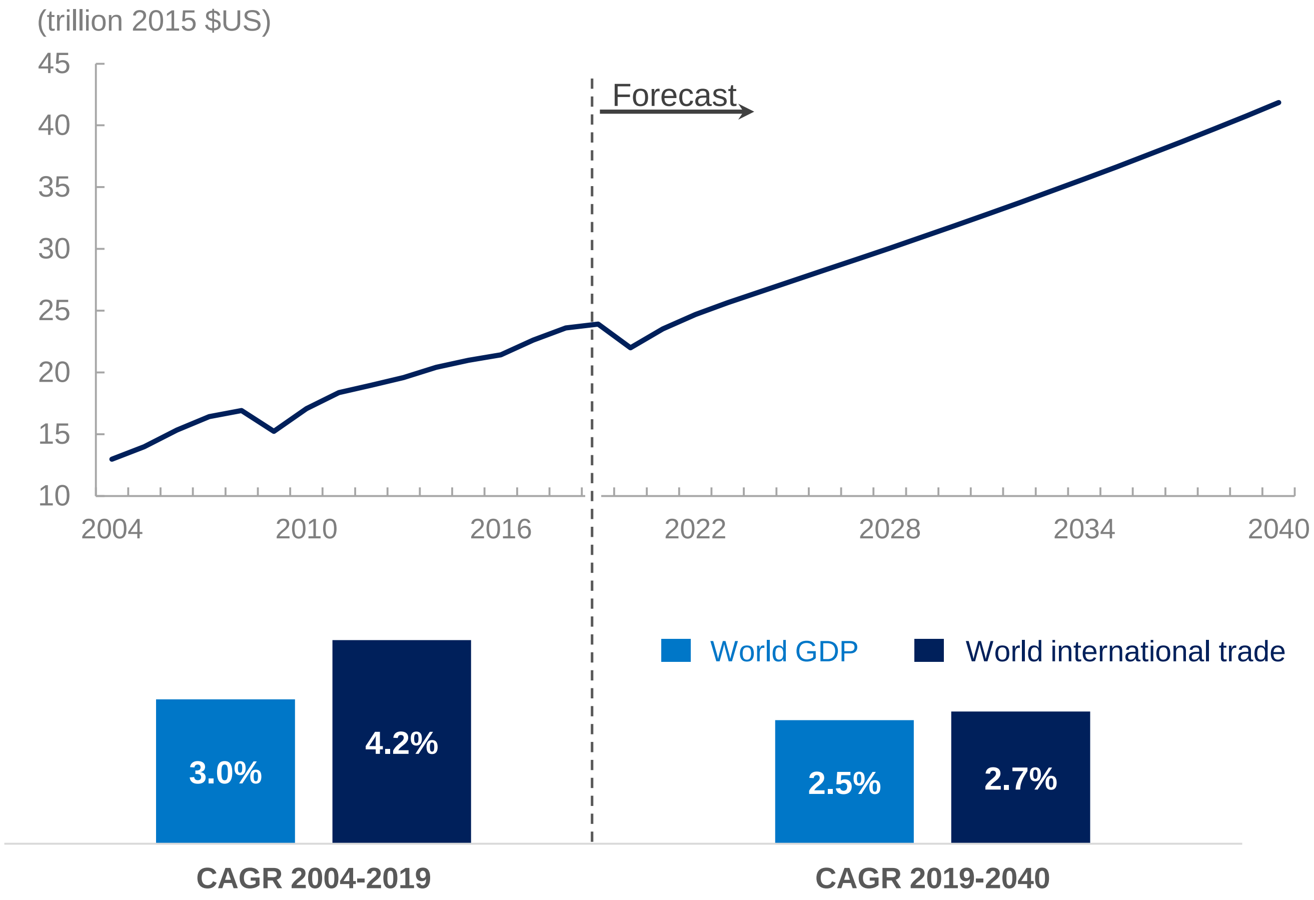
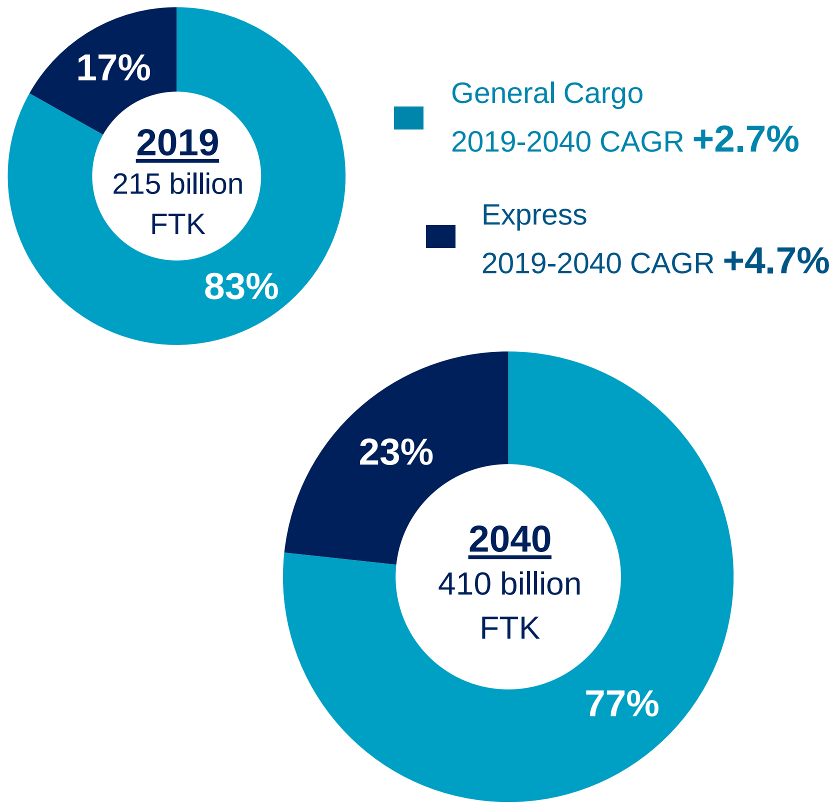
Strong cargo forecast driven by trade and e-commerce

World international trade

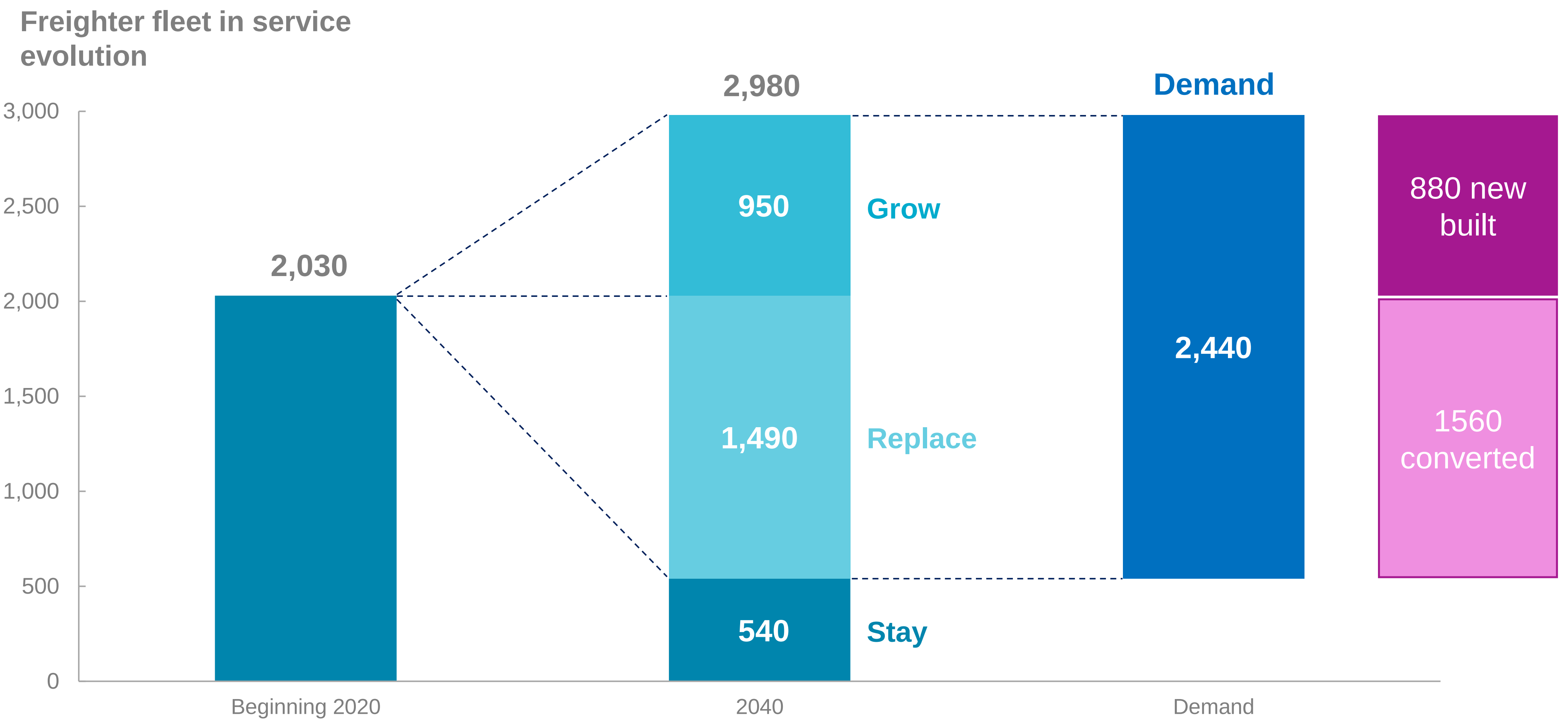


World air cargo traffic



Source: IATA, Seabury, IHS Economics, Airbus GMF

The freighter fleet will reach almost 3,000 aircraft by 2040



Note: Jet freighter aircraft, payload > 10ton
Source: Airbus GMF21

World demand for ~2,440 freighter aircraft 2021-2040

1,000 small freighters

900 mid size freighters

540 large freighters

Note: Jet freighter aircraft, payload > 10ton
Source: Airbus GMF

39,000 deliveries

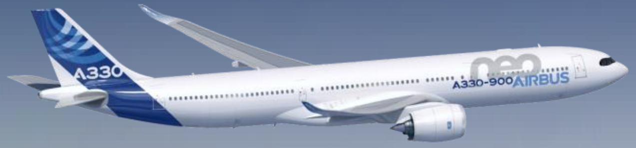
New gen aircraft with **25%** lower carbon footprint

A320 FAMILY

A220

SMALL

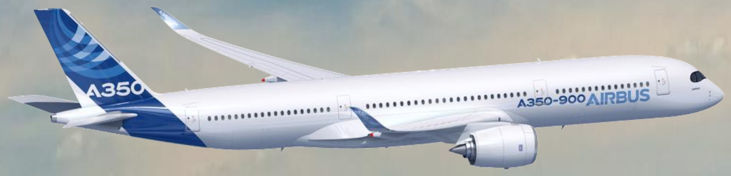
A330neo



A321 XLR

MEDIUM

A350-1000



A350-900

LARGE

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Summary

- Traffic recovery under way
- Fundamental drivers of passenger demand remain
- Air traffic (RPK) forecast to grow 3.9% per annum
- 39,000 new aircraft deliveries by 2040
- 880 new freighters by 2040
- Replacement with latest generation is today’s most significant lever for decarbonisation

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