



A NEED FOR OVER 39,000 NEW AIRCRAFT IN THE NEXT 20 YEARS

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The world's passenger and freighter aircraft fleet is set to more than double from today's nearly 23,000 to almost 48,000 by 2038 with traffic growing at 4.3% annually, also resulting in a need for 550,000 new pilots and 640,000 new technicians.

By 2038, of the forecast 47,680 fleet, 39,210 are new and 8,470 remain from today. By updating fleets with latest generation fuel efficient aircraft such as the A220, A320neo Family, the A330neo and the A350, Airbus believes it will largely contribute to the progressive decarbonisation of the air transport industry and the objective of carbon neutral growth from 2020 while connecting more people globally.

Reflecting today's evolving aircraft technology, Airbus has simplified its segmentation to consider capacity, range and mission type. For example, a short haul A321 is *Small (S)* while the long-haul A321LR or XLR can be categorised as *Medium (M)*. While the core market for the A330 is classified as *Medium (M)*, it is likely a number will continue to be operated by airlines in a way that sits within the *Large (L)* market segmentation along with the A350 XWB.

The new segmentation gives rise to a need for 39,210 new passenger and freighter aircraft - 29,720 *Small (S)*, 5,370 *Medium (M)* and 4,120 *Large (L)* - according to Airbus' latest Global Market Forecast 2019-2038. Of these, 25,000 aircraft are for growth and 14,210 are to replace older models with newer ones offering superior efficiency.

Resilient to economic shocks, air traffic has more than doubled since 2000. It is increasingly playing a key role in connecting large population centres, particularly in emerging markets where the propensity to travel is amongst the world's highest as cost or geography make alternatives impossible. Today, about a quarter of the world's urban population is responsible for more than a quarter of global GDP, and given both are key growth drivers, Aviation Mega Cities (AMCs) will continue to power the global aviation network. Developments in superior fuel efficiency are further driving demand to replace existing less fuel efficient aircraft.

"The 4% annual growth reflects the resilient nature of aviation, weathering short term economic shocks and geo-political disturbances. Economies thrive on air transportation. People and goods want to connect," said Christian Scherer, Airbus Chief Commercial Officer and Head of Airbus International. "Globally, commercial aviation stimulates GDP growth and supports 65 million livelihoods, demonstrating the immense benefits our business brings to all societies and global trade."

Airbus aircraft are market leaders in their segments. The *Small (S)* segment includes the A220 Family and all variants of the A320 Family. The core Airbus products in the *Medium (M)* segment are the A330 and A330neo Family, and can also include the smaller A321LR and XLR versions used on long-haul missions. The largest segmentation *Large (L)*, is represented by the A330neo Family together with the larger A350 XWB Family which also includes the Ultra Long Range (ULR) version. This segmentation will continue to be served by the A380 at the upper end.

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