-6% · -18 Mt

IMPROVEMENTS IN AIR TRAFFIC MANAGEMENT AND AIRCRAFT OPERATIONS

Improvements in air traffic management (ATM) and aircraft operations can make an important contribution to reducing aviation's CO_2 emissions in the short to medium term, contributing to a 6% CO_2 reduction from European aviation by 2050. More eco-friendly operations are made possible thanks to a better collaboration between airlines, ANSPs, airports, pilots and air traffic controllers. Improvements are clustered in three areas: aircraft operations, air traffic management and ground operations at airports.

NET ZERO

We believe that together, policy-makers and the industry can make net zero CO_2 emissions a reality by 2050. In 2030, net CO_2 emissions from intra-European flights would be reduced by 55% compared to 1990 levels through a combination of fleet renewal, SAF, operational improvements and EU ETS/CORSIA, in line with the new EU climate goal for 2030.

To achieve net zero CO_2 aviation in Europe by 2050, while upholding international competitiveness and aviation's benefits to society - joint, coordinated and decisive industry and government efforts are required. **The time to act is now to make European aviation's climate ambitions for 2030 and 2050 a reality.**

Here is how improvements in ATM and aircraft operations can make a difference:

1 Improved flight planning, weight reduction and airframe condition and maintenance could reduce fuel burn, helped by innovative concepts such as **wake energy retrieval** (aircraft fly closer together than currently allowed).

2 The full implementation of the **Single European Sky** initiative is fundamental to remove barriers among Member States and streamline air traffic to guarantee passengers greater efficiency.

3 Reduced engine taxi, (electric) operational towing and reduced usage of Auxiliary Power Units (APU) at airports **could contribute to** more efficient ground operations while also reducing emissions of local air pollutants