

A collection of white wireframe models of various aircraft on a dark blue background. The central model is a large commercial jet with two engines. Above it is a helicopter. To the left is a quadcopter drone. To the right is a smaller propeller-driven aircraft. The main jet has the DLR logo on its tail.

Shaping the aviation of tomorrow

Dr. Markus Fischer
DLR | Divisional Board Member for Aeronautics

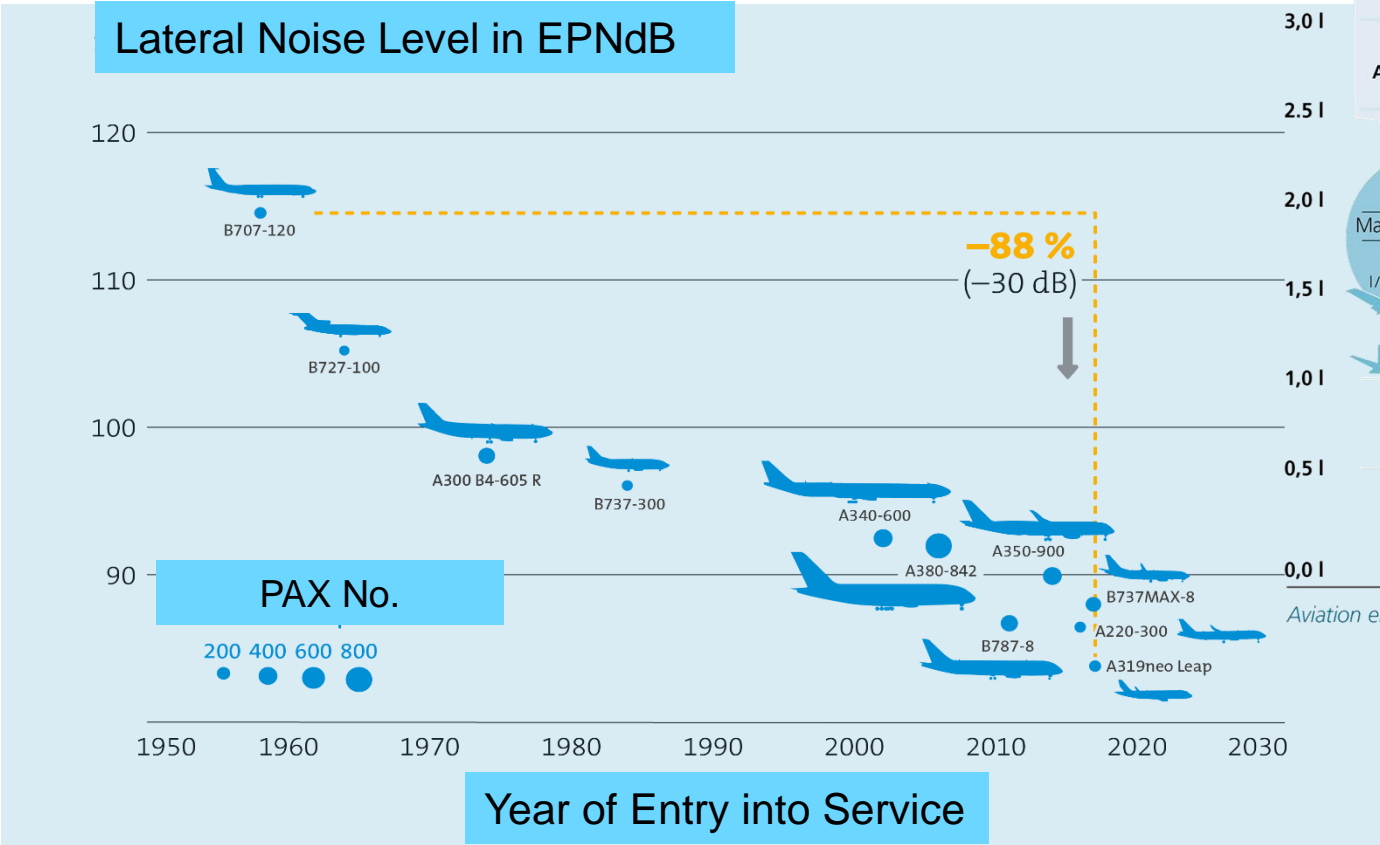
Objectives

Shaping the aviation of tomorrow

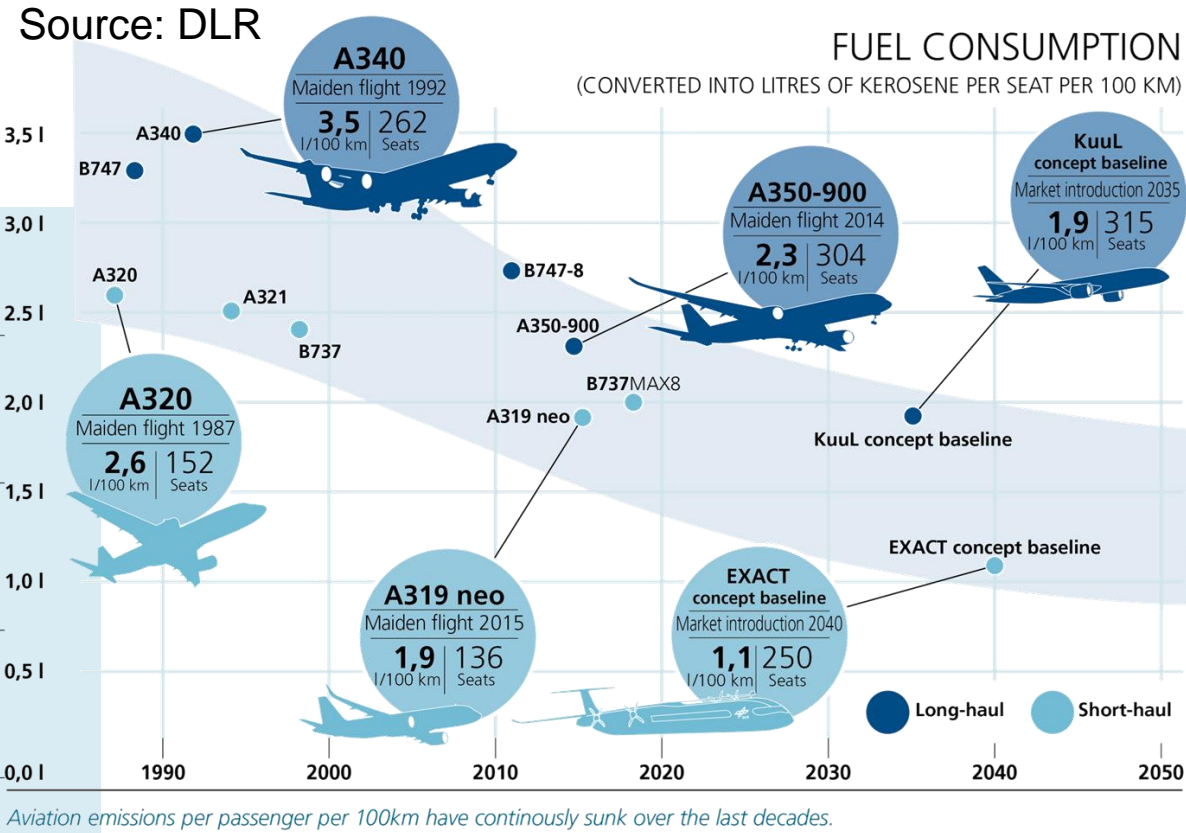
- Meet future mobility demands and social acceptance
- Stay at the forefront of high-tech research and development in Europe
- Aviation as part of a resilient, competitive and an autonomous European economy
- Assure the key role of aviation as fastest, most reliable and indispensable means for the whole economy
- Maintain safety and security at highest level
- Achieve climate compatibility including noise reduction



Have we achieved enough?



Source: DLR



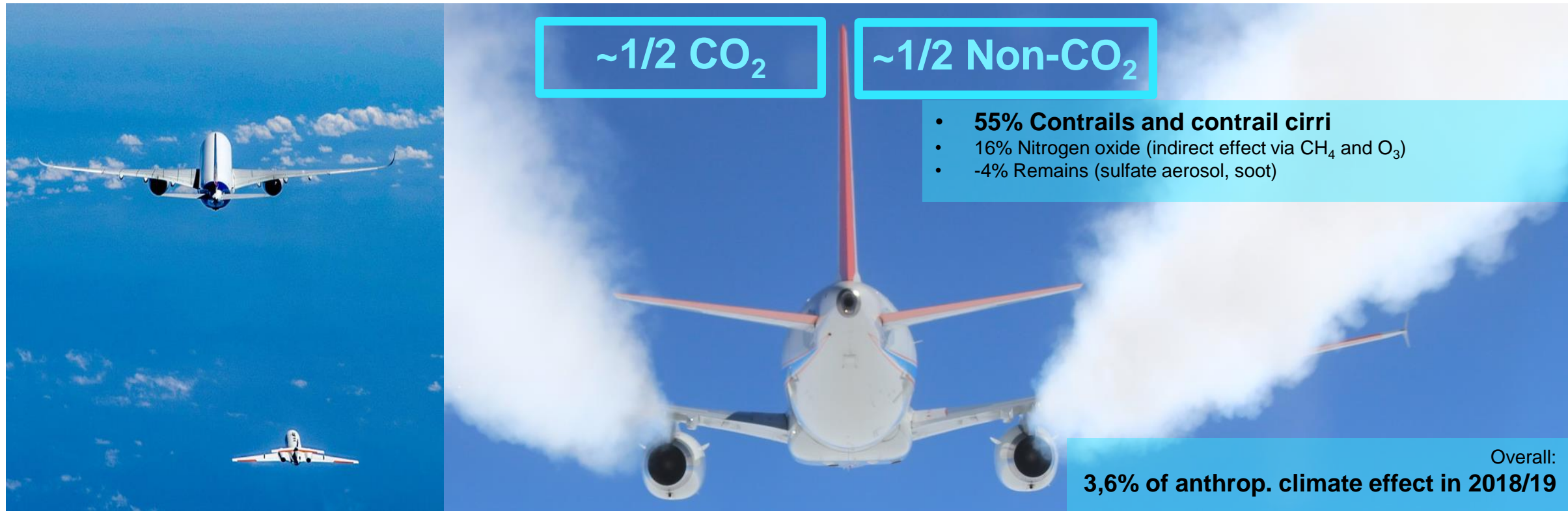
Although significant reduction in aircraft noise and fuel burn

how to cope with air traffic growth?

Source: BDL/ICAO Noise Certification Data Base

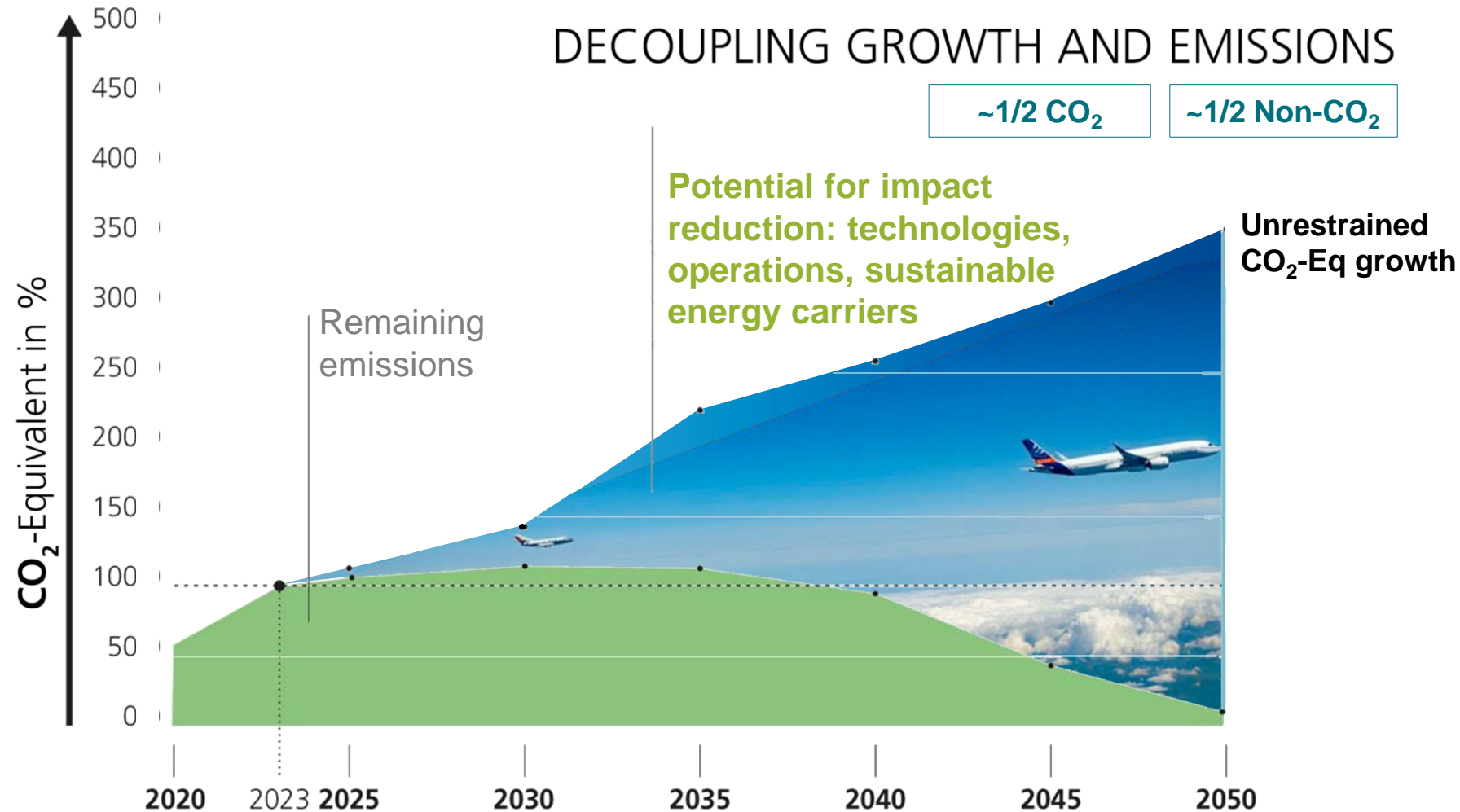
Climate Impact of Aviation

The complete picture, measured in-flight, globally determined



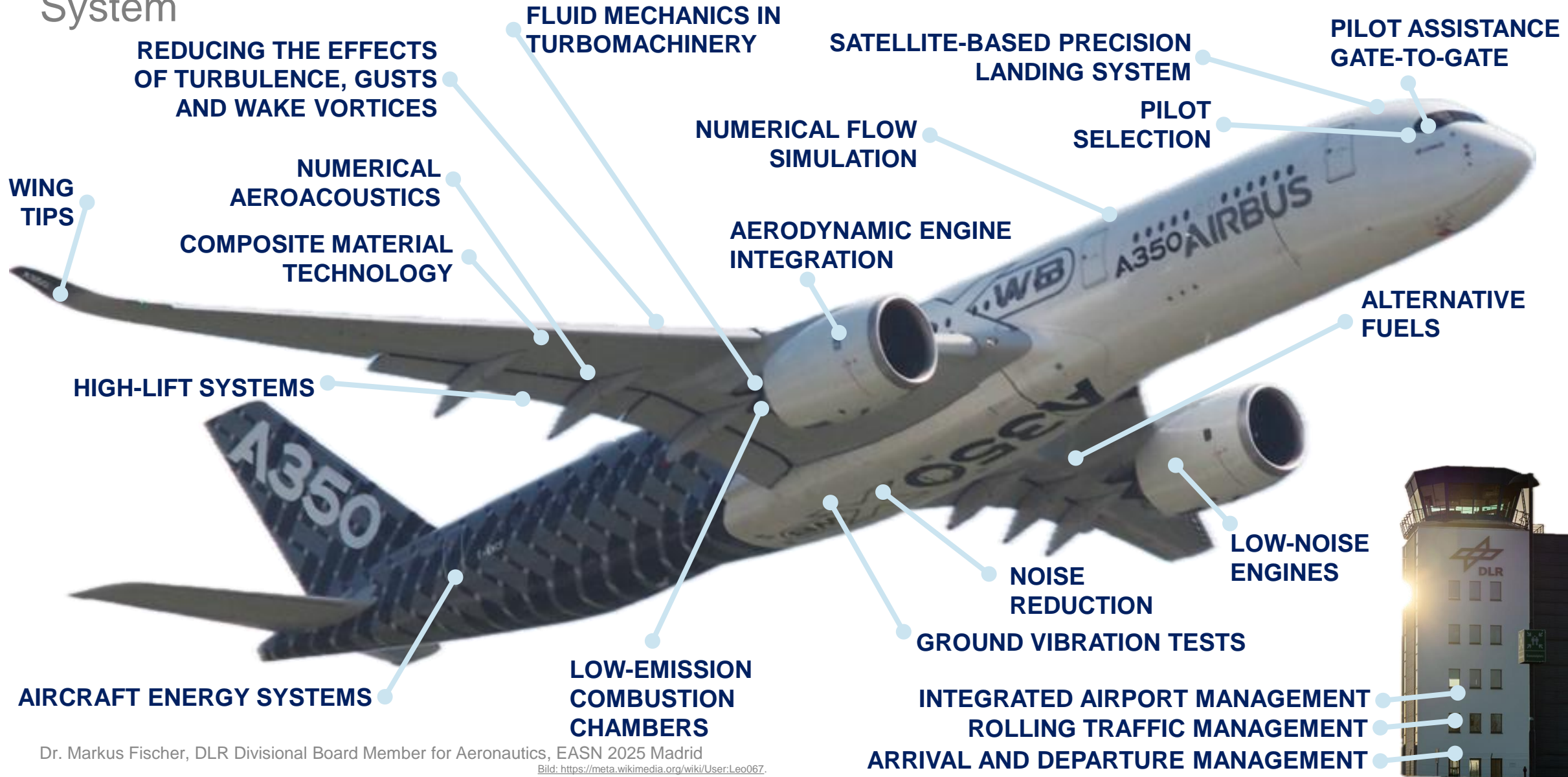
Climate-compatible air transport is more than decarbonization

**Air Transport System
of Tomorrow
@
resilient, competitive
and economic**



DLR's Aeronautics Research

DLR Contributions in National Programm (LuFo) to today's Air Transport System





Thank You!

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