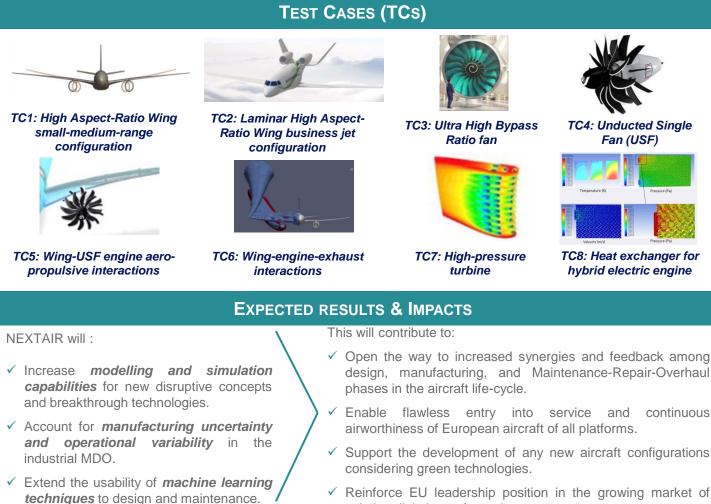
multi-disciplinary digital - enablers for NEXT-generation **AIRcraft design and operations**

Mitigating aviation's impact on climate change requires major transformations in aircraft configurations and operations. Digital methodologies that optimise aircraft performance will play a key role in this transformation.

Through eight industrial test cases and for 36 months, the NEXTAIR project will build and validate:

- novel design methodologies;
- data-fusion procedures;
- smart health assessment tools.

Together, these solutions will lead to the digital transformation of aircraft design, manufacturing, and maintenance. The project will improve methods to better tackle the uncertainty in manufacturing and the variability in operating conditions for the industrial, multi-disciplinary design of aircraft and engine components.



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design, manufacturing, and Maintenance-Repair-Overhaul

NEXTAIR

- Enable flawless entry into service and continuous
- ✓ Reinforce EU leadership position in the growing market of aviation digital transformation.
- CONSORTIUM DASSAUL Ínría_ ONERA AIRBUS 16 partners THE FRENCH AEROSPACE LAB 9 leading research organisations vicomtech ERDYN OPTIMAD ✓ 4 aeronautical companies University of Sheffield 3 innovative SMEs FOSS SAFRAN

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