

UpNext

**Les défis de l'aérospatiale
aujourd'hui.**

Dr. Sandra Bour-Schaeffer

CEO Airbus UpNext

April 14, 2022

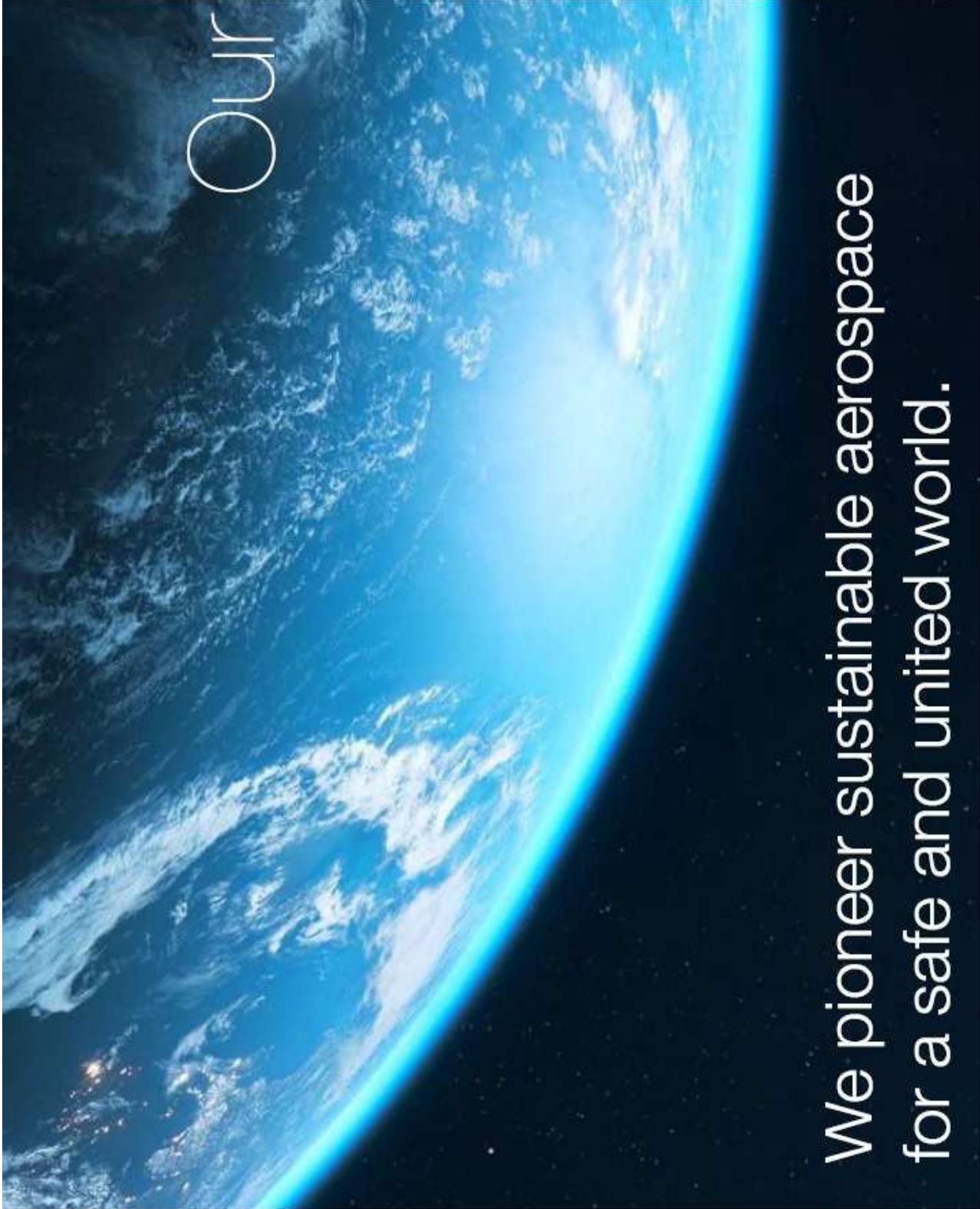
AIRBUS



[MAKE UNTHINKABLE REAL]

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Our

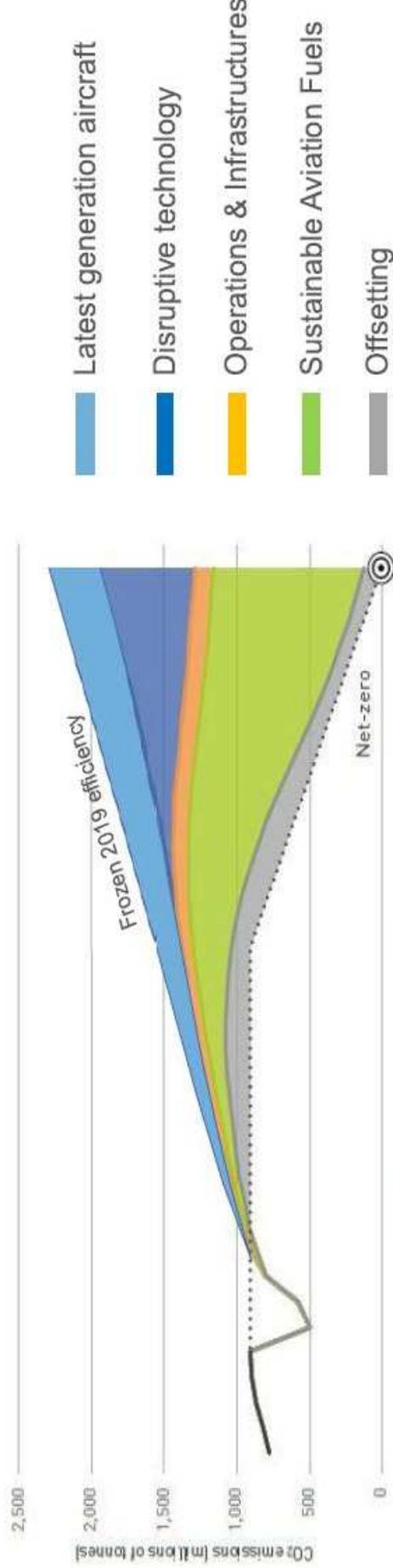
purpose

We pioneer sustainable aerospace
for a safe and united world.

AIRBUS

Aviation committed to Net Zero 2050

Fleet replacement and SAF ramp-up as key mid-term levers



> ATAG CO₂ Roadmap based on most ambitious technology scenario & central traffic growth scenario: 3.1% CAGR 2019-2050

OUR AIRBUS AMBITION

2030

before

2030

2035

2050

Offer **100% SAF capability** on our commercial aircraft

Be the **1st major manufacturer** to offer a climate neutral commercial aircraft by

Pursue **net-zero aviation ambition** through ATAG roadmap by

Sustainable
to lead clean
aerospace

AIRBUS

Aviation's path towards zero emissions



Emissions per passenger kilometre (%)



Airbus UpNext Founding Principles

Use a demonstrator to
BE THE SPEED BOAT

Pave the way towards future
PRODUCTS and SERVICES

TECHNOLOGY PUSH
to make the **UNTHINKABLE**
REAL

Demonstrate the potential for
a **VIABLE PRODUCT**

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fello'fly



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eXtra Performance Wing



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More Automated



State of the art Computer vision techniques for Taxi,
Take-off and Landing use cases

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ZeroE



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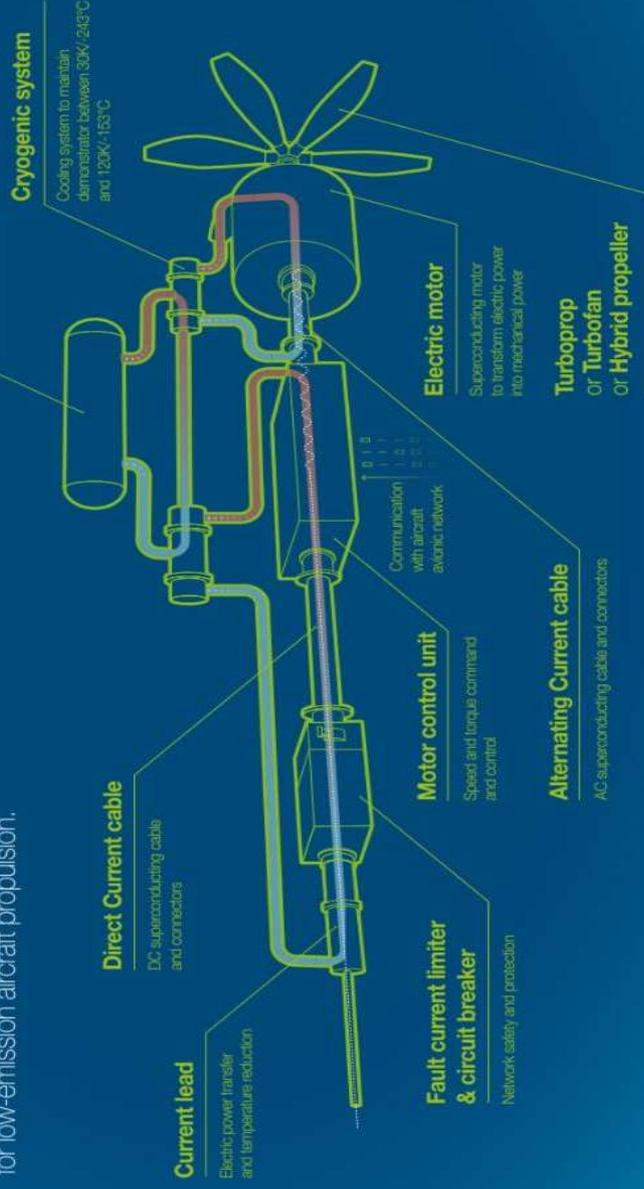
Advanced Superconducting & Cryogenic Experimental Powertrain Demonstrator

ASCEND

Advanced Superconducting & Cryogenic Experimental powertrain Demonstrator

A ground demonstrator to explore the feasibility and application of «cold» electrical technologies for low-emission aircraft propulsion.

- Usage of superconducting and cryogenic technologies allows to:
 - Halve weight of components
 - Reduce voltage to below 500V
 - Halve electrical losses



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PURPOSE

Boost Airbus by accelerating future technologies

VISION

Fly the future of aerospace, Incubate talent, Inspire Airbus transformation

VALUES

Mindset

Keep it Simple, Be Audacious, Exploring Together

DNA

Unique value proposition

Speed Of Execution, Caring for Each Other, Open to the World

UpNext

AIRBUS

thank you &
keep moving

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