

together
we are
Sustainable

Pioneering Sustainable Aerospace

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AIRBUS



Our **purpose**

We pioneer sustainable aerospace for a safe and united world.

Our approach to sustainability

Airbus has built its approach to sustainability around valuing people, enabling prosperity and respecting the planet



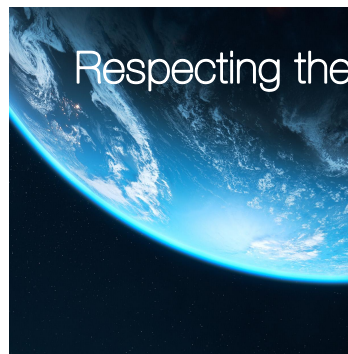
Valuing **people**

We respect human rights, prioritise safety and protect communities



Enabling **prosperity**

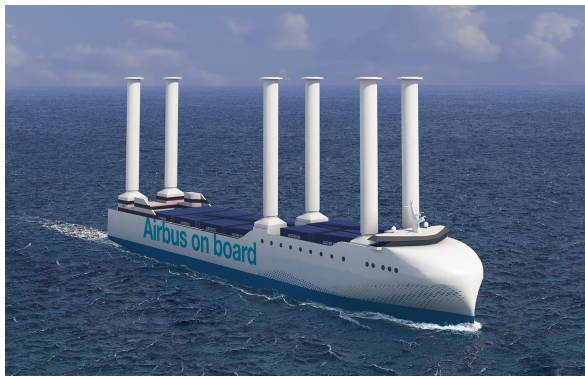
We unite cultures, connect economies and enable partnerships



Respecting the **planet**

We are leading the journey towards decarbonised aerospace

Sustainability highlights 2023



Our carbon footprint, engaging the whole value chain

~474 mt CO₂ eq
Airbus value chain footprint
(Scope 3)



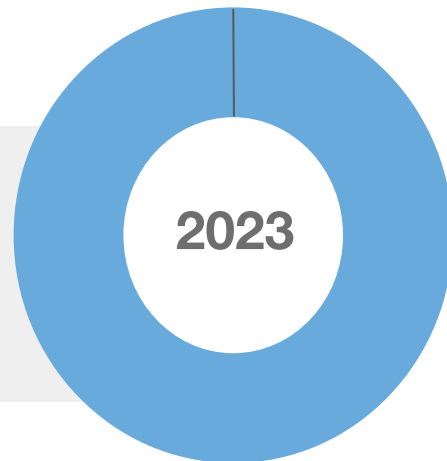
~10 mt CO₂ eq
Upstream (Scope 3)
Purchased goods and services



~464 mt CO₂ eq
Downstream (Scope 3)
*Use of sold products
with IEA SDS SAF projection*



~0.6 mt CO₂ eq
Operations (Scope 1 & 2)



Aligning our approach to recognised standards



Supporter of Task Force on
Climate-related Financial Disclosures



A- rating in 2023
(stable year-on-year)



Airbus near term **climate targets validated in 2023**

Scope 1 & 2 emissions targets aligned with a 1.5°C trajectory

Accelerating our climate ambition



**Accelerating SAF usage
in our operations**



**Shifting to decarbonised
electricity**



**Pioneering innovative
solutions for our logistics**

**Near-term target aligned with
science**

validated by  SCIENCE
BASED
TARGETS

2030

-63% with neutralisation
vs 2015 of residual emissions

In 2023 we recorded a reduction of **42%**
vs 2015

Scope 3 emissions: connecting technology efforts with sectoral approach

Near-term target aligned with science *validated by*



Supporting long term sectoral ambition

ATAG roadmap

2035

-46%

in intensity, vs 2015



Net zero CO₂ emissions by

2050

Accelerating our climate ambition



R&D requiring investments



Full value chain collaboration



Cooperation and partnerships

In 2023 we recorded a reduction of 29% vs 2015

Decarbonisation strategic approach



Latest generation aircraft

Our latest generation family of aircraft offer around 25% greater efficiency compared to the previous generations



Operations and infrastructures

Operational optimisation solutions can save up to 10% CO₂



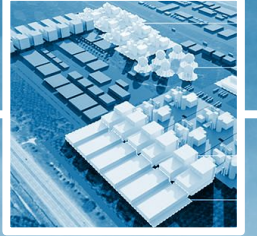
Sustainable Aviation Fuels

SAF can reduce emissions by 80% on average during its full lifecycle



Disruptive technologies

Our ambition is to bring to the market a hydrogen-powered aircraft by 2035



Market-based measures

Regulatory measures:
EU ETS / CORSIA
Voluntary measures:
DACCS

Latest generation aircraft



- **Fleet replacement could yield around 25% CO₂ savings**
- Around 70 % of global commercial aircraft fleet is not to the latest standard of Airbus product line (end 2023)
- Continuous technology enhancements
 - Lightweight materials
 - Wing optimisation
 - Engine efficiency
 - Electrification / hybridisation

Sustainable Aviation Fuel



- **SAF can reduce CO₂ emissions by 80% on average across its lifecycle**
- All Airbus aircraft can fly up to 50% SAF blends, targeting up to 100% SAF capability by end of decade
- Airline offtake and industrial production needed to increase SAF availability
- Coalitions and partnership signed to foster SAF production

Partnerships for success Sustainable Aviation Fuel



Airlines Lessors	<ul style="list-style-type: none">• Offering support to airlines in establishing their own SAF journey• Joint investment to accelerate the establishment of a SAF industry in Australia	
Energy providers	<ul style="list-style-type: none">• Stimulating the SAF market with a growing SAF uptake in Airbus internal operations• Exploring opportunities to promote the production and use of SAF• Focus on technical development	   
Suppliers Industrial partners Institutional research / universities	<ul style="list-style-type: none">• 100% SAF flight test campaigns - VOLCAN & ECLIF3 projects	      
Industry associations Policy makers	      	

Partnerships for success

Disruptive technologies - Hydrogen

H₂ hubs at airport deployment



Airlines



Airport ecosystem



Regulatory bodies



Energy providers & non-aviation

Suppliers
Industrial partners
Institutional research / universities



Industry associations
Policy makers



Leading the decarbonisation of aviation

2030

- Reduce **by 63% Scope 1 & 2** industrial emissions
Target validated by the Science Based Targets initiative (SBTi)
- Offer up to **100% SAF capability** on our commercial aircraft

2035

- Reduce **by 46%** the CO₂ emissions intensity generated by our commercial aircraft (**Scope 3 - Use of Sold Products**)
Target validated by the Science Based Targets initiative (SBTi)
- Be the **1st major manufacturer** to offer a hydrogen-powered aircraft

2050

- Support the **aerospace industry's decarbonisation roadmap**, set by ATAG and IATA, to reach '**net-zero carbon emissions**' by 2050

