Cabin Vision
2035+
Lead the journey towards clean aerospace
Our purpose
Manmade CO₂ emissions

- Transportation: 22%
- Electricity and heat production: 42%
- Manufacturing and Construction: 21%
- Residential: 6%
- Other: 9%
- Aviation: 2.5%

Source: International Energy Association and IPCC
Airbus Track Record

Progress since dawn of jet-age until today

-50% CO reduction

-80% CO2 reduction

-90% NOX reduction

-75% Noise reduction
Respecting the planet - Leading sustainable aviation

2030
- 63% Scope 1 & 2 industrial emissions
- 100% SAF Capability

2035
- 46% Scope 3 commercial aircraft emissions
1st Hydrogen powered aircraft

2050
net zero emissions
*IATA, ATAG, ICAO
The plan to decarbonize aviation

Airbus supports the ATAG most ambitious technology scenario

- Latest aircraft generation
- Disruptive technology
- Operations & infrastructure
- Sustainable aviation fuels
- Carbon offsetting & capture

Net zero emissions

CO\textsubscript{2} emissions (millions of tonnes)

- ATAG CO\textsubscript{2} Roadmap on p base most ambitious technology scenario & central traffic growth scenario: 3.1% CAGR 2019-2050
Lead the journey towards clean aerospace...
AIRSPACE
Cabin Vision
2035+
Fly it. Love it.

Airspace Cabin - the interface to passengers
Vision 2035+ approach

10 AIRLINES
Needs & Ideas

AIRBUS
Guidance & Consolidation

8 PARTNERS
Expertise & Inspiration

PAX NEEDS

GLOBAL TRENDS

AIRBUS Amber
Today passenger research shows ...

80% Of companies incorporate sustainability travel policies*

40% Of travelers are willing to pay for CO2 Neutral tickets**

Source: *GBTA Sustainability Report, 04/2022 **McKinsey “CleanSky” survey, 07/2021
1%

Actual CO2 ticket offset

Source: Lufthansa Innovation Hub, Hopper

In reality passengers have concerns ...
Customer centric visions to shape the future

2011
CONCEPT CABIN 2050
Long term Passenger Needs

2019
AIRSPACE CABIN VISION 2030
Digitalization & Passenger experience

Sustainability
Cabin Vision
2035+
Cabin ambition
Environmental impact

% overall aircraft lifecycle

Cabin

10-20%*

A paradigm shift towards sustainable cabin design

Future passenger experience maintaining superior comfort

Source: *Airbus A350 LCA (internal study)
A paradigm shift
towards sustainable cabin design
The biggest lever for decarbonization are light weight solutions:

- **Bionic Design**
  - 40% weight reduction
  - for all structure/lining parts

A paradigm shift towards sustainable cabin design
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- **New catering concepts**
  Pick at Gate Box (Short Range)
  - Less galley weight
  Pre-order (Long Range)
  - 15% waste/weight reduction
  - 35% trolley reduction by new stowage concept (Long Range)

**A paradigm shift towards sustainable cabin design**
A paradigm shift towards sustainable cabin design

CIRCULARITY

A paradigm shift towards a fully circular E2E process based on new guiding principles

- Rethink
- Recycle
- Repair
- Reuse

Today: Cabin lining and components based on new materials

2035+: Full realization potential with the introduction of new generation aircraft
Mobile Travel Companion

Transparency on individual environmental footprint

End to end travel information data

More choice
- Carbon offset options
- Catering

Future passenger experience
maintaining superior comfort
More choice

Food Pre ordering

Pick at the Gate Box
- For short range flights
- Re-use box for gate pick-up
- Freshly prepared

A la carte
- For long range flights
- Choose your menu out of wide selection for all passengers
- Delivered personalized by crew with smart trolley - Airspace Link

Future passenger experience
maintaining superior comfort
Seamless journey

Fluid boarding process

E2E guidance via mobile companion

Future passenger experience
maintaining superior comfort
Cabin Design

New Design Language
- Natural colors
- Natural textures
- Spaciousness
- Brightness

Make sustainability visible
- Intuitive
- Bionic structures
- Recycled materials

Future passenger experience
maintaining superior comfort
Comfort

- More personalized services
- Enhanced atmosphere
- Smart devices
- Seat innovations

Future passenger experience

maintaining superior comfort
In a nutshell

1. Fostering a **superior** passenger experience

2. A **paradigm shift** in the cabin design philosophy

3. **Collaboration** is key for a brighter future

4. Change starts **today**
Stay tuned for more technical details …

@ Aircraft Interiors Expo 2023
Airbus stand 5A20
Hamburg, 6-8th of June