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# Capital Market Day

23 September 2022



**AIRBUS**

# Safe Harbour Statement

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## DISCLAIMER

This presentation includes forward-looking statements. Words such as “anticipates”, “believes”, “estimates”, “expects”, “intends”, “plans”, “projects”, “may” and similar expressions are used to identify these forward-looking statements. Examples of forward-looking statements include statements made about strategy, ramp-up and delivery schedules, introduction of new products and services and market expectations, as well as statements regarding future performance and outlook. By their nature, forward-looking statements involve risk and uncertainty because they relate to future events and circumstances and there are many factors that could cause actual results and developments to differ materially from those expressed or implied by these forward-looking statements.

### These factors include but are not limited to:

- Changes in general economic, political or market conditions, including the cyclical nature of some of Airbus’ businesses;
- Significant disruptions in air travel (including as a result of the spread of disease or terrorist attacks);
- Currency exchange rate fluctuations, in particular between the Euro and the U.S. dollar;
- The successful execution of internal performance plans, including cost reduction and productivity efforts;
- Product performance risks, as well as programme development and management risks;
- Customer, supplier and subcontractor performance or contract negotiations, including financing issues;
- Competition and consolidation in the aerospace and defence industry;
- Significant collective bargaining labour disputes;
- The outcome of political and legal processes, including the availability of government financing for certain programmes and the size of defence and space procurement budgets;
- Research and development costs in connection with new products;
- Legal, financial and governmental risks related to international transactions;
- Legal and investigatory proceedings and other economic, political and technological risks and uncertainties;
- Changes in societal expectations and regulatory requirements about climate change;
- The full impact of the COVID-19 pandemic and the resulting health and economic crisis;
- Aggravation of adverse geopolitical events, including Russia’s invasion of Ukraine and the resulting imposition of export control restrictions and international sanctions, and rising military tensions around the world.

As a result, Airbus SE’s actual results may differ materially from the plans, goals and expectations set forth in such forward-looking statements.

For more information about the impact of Russia’s invasion of Ukraine, see note 2 "Ukraine Crisis" of the Notes to the Airbus SE Unaudited Condensed Interim IFRS Consolidated Financial Statements for the six-month period ended 30 June 2022. For more information about the impact of the COVID-19 pandemic, see note 3 "Impact of the COVID-19 Pandemic" of the Notes to the Airbus SE Unaudited Condensed Interim IFRS Consolidated Financial Statements for the six-month period ended 30 June 2022. For more information about factors that could cause future results to differ from such forward-looking statements, see Airbus SE's annual reports, including its 2021 Universal Registration Document filed on 6 April 2022 and the most recent Risk Factors.

Any forward-looking statement contained in this presentation speaks as of the date of this presentation. Airbus SE undertakes no obligation to publicly revise or update any forward-looking statements in light of new information, future events or otherwise.

### Rounding disclaimer:

Due to rounding, numbers presented may not add up precisely to the totals provided and percentages may not precisely reflect the absolute figures.



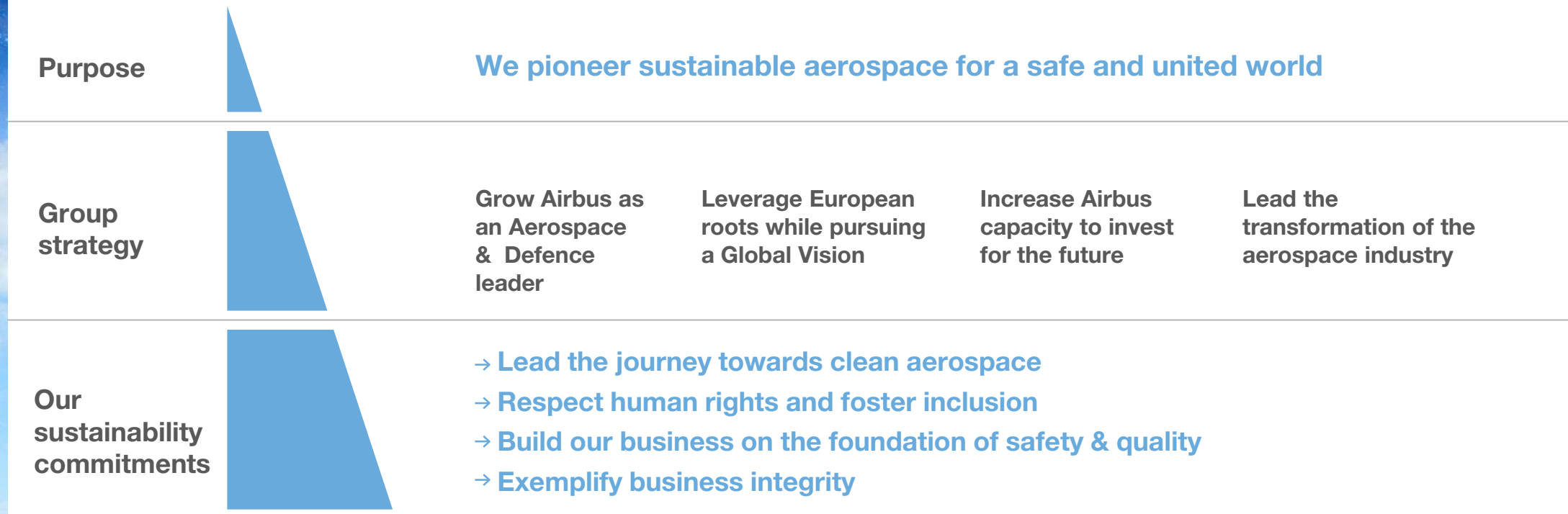


Sustain**able**

together  
we are

**AIRBUS**

# Sustainability at Airbus means...



# Our carbon footprint

## Engaging the whole value chain



**~0.8 mt**  
**Operations (Scope 1&2)**

Scope 3

**~475mt CO2eq**

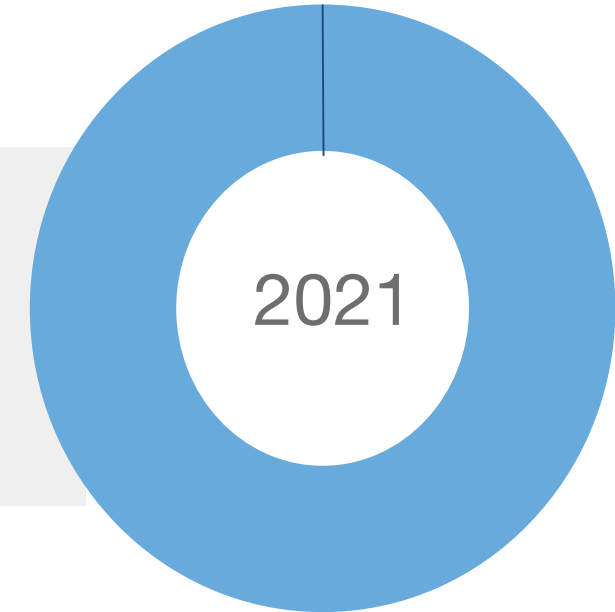
Airbus value chain footprint



**~11 mt**  
**Upstream (Scope 3)**  
*Purchased goods and services*



**~464 mt**  
**Downstream (Scope 3)**  
*Use of sold products*



## Aligning our approach to recognised standards



**Supporter** of Task Force on Climate-related Financial Disclosures



**A- rating** in 2021  
(stable year-on-year)



**Submitted for all Scopes** in 2022 - pending validation

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

## Yearly Company Objectives

Mid-term targets  
submitted for validation to



2021

-3%

vs 2020

2022

-5%

vs 2021



2030

-63%

vs 2015

with neutralisation of  
residual emissions

## Accelerating our climate ambition



Shifting to decarbonised  
electricity



Accelerating SAF usage  
in our operations



Pioneering innovative  
solutions for our logistics

together  
we are  
Sustainable

**AIRBUS**

# Scope 3 emissions: connecting technology efforts with sectoral approach

Mid-term target aligned with science

submitted for validation to  SCIENCE BASED TARGETS

Supporting long term sectoral ambition  
ATAG roadmap

2035

-46%  
vs 2015



Net zero by

2050

Accelerating our climate ambition



R&D requiring  
Investments



Full value chain  
collaboration



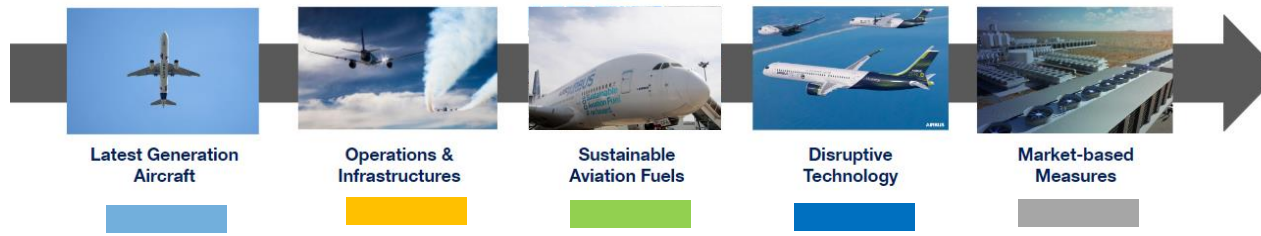
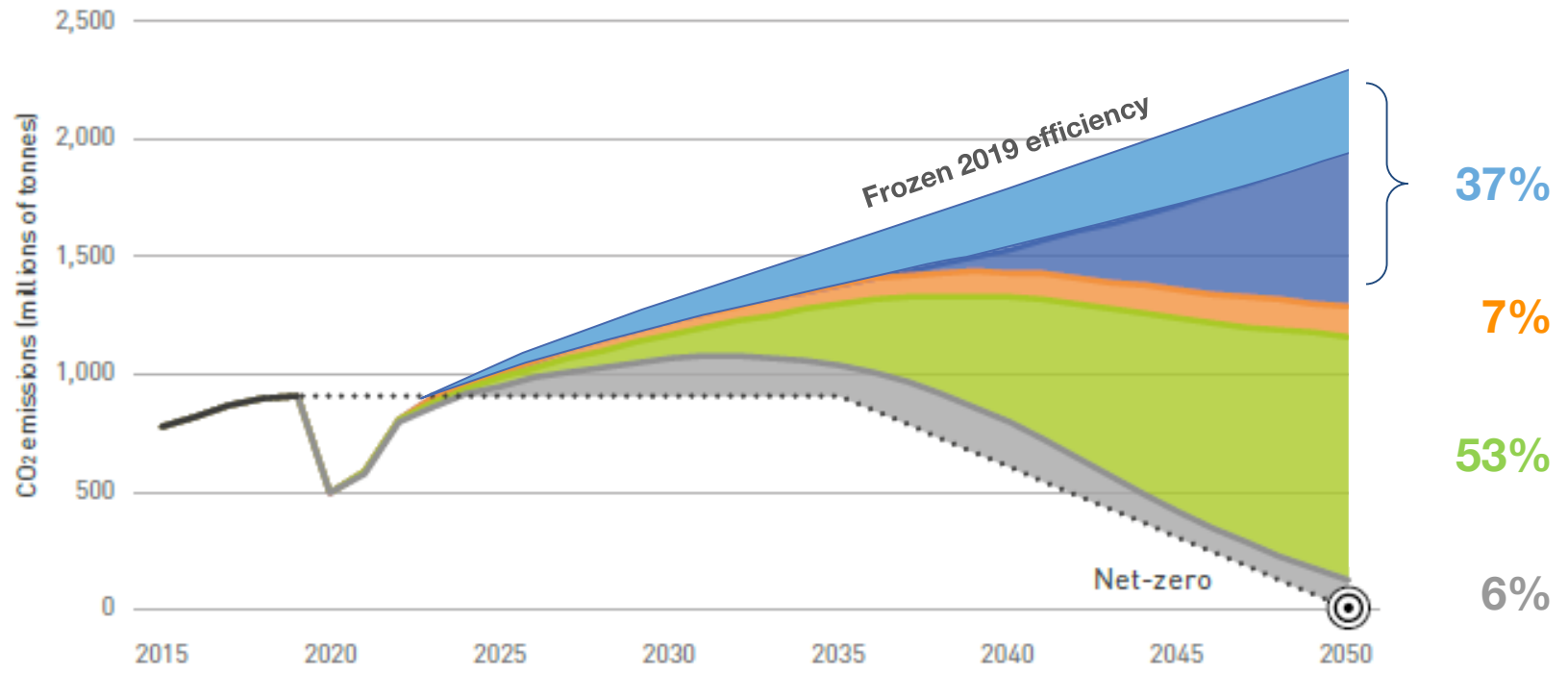
Cooperation and  
partnerships

together  
we are  
Sustainable

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# There is no single solution to decarbonise aviation

Airbus supports the ATAG most ambitious technology scenario



together we are Sustainable

> ATAG CO<sub>2</sub> Roadmap based on most ambitious technology scenario & central traffic growth scenario: 3.1% CAGR 2019-2050)





Latest Generation Aircraft



Operations & Infrastructures



Sustainable Aviation Fuels



Disruptive Technology



Market-based Measures

## Latest generation aircraft

- Fleet replacement could yield 20-30% CO2 savings
- 80% of the current fleet is not to the latest standard of Airbus product line
- Continuous technology enhancements
  - Lightweight materials
  - Wing optimization
  - Engine efficiency
  - Electrification / hybridization



Latest Generation Aircraft



Operations & Infrastructures



Sustainable Aviation Fuels



Disruptive Technology

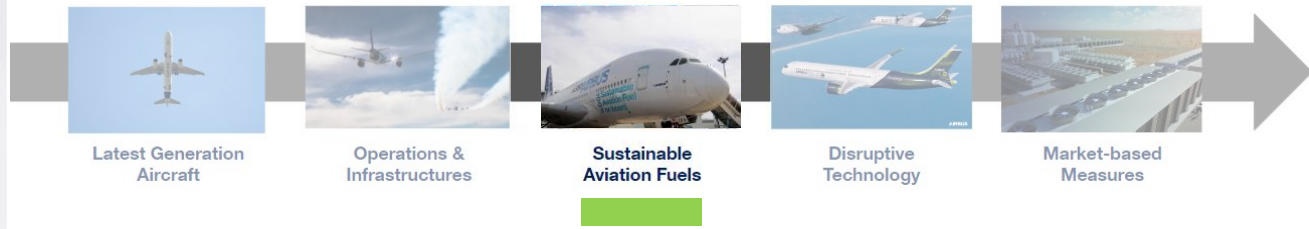


Market-based Measures



## Operations & Infrastructures

- Operational optimization solutions can save up to 10% CO<sub>2</sub>
- Optimized flight trajectories
- Hybrid on-ground operations
- Air Traffic Management



# Sustainable Aviation Fuels

- Flying with 100% SAF reduces the CO2 emissions by up to 85%
- All Airbus aircraft is already certified to 50%, certification up to 100% by end of decade
- Industrial uptake needed to increase SAF's availability
- Coalitions and partnership signed to foster production of SAF



Latest Generation Aircraft



Operations & Infrastructures



Sustainable Aviation Fuels



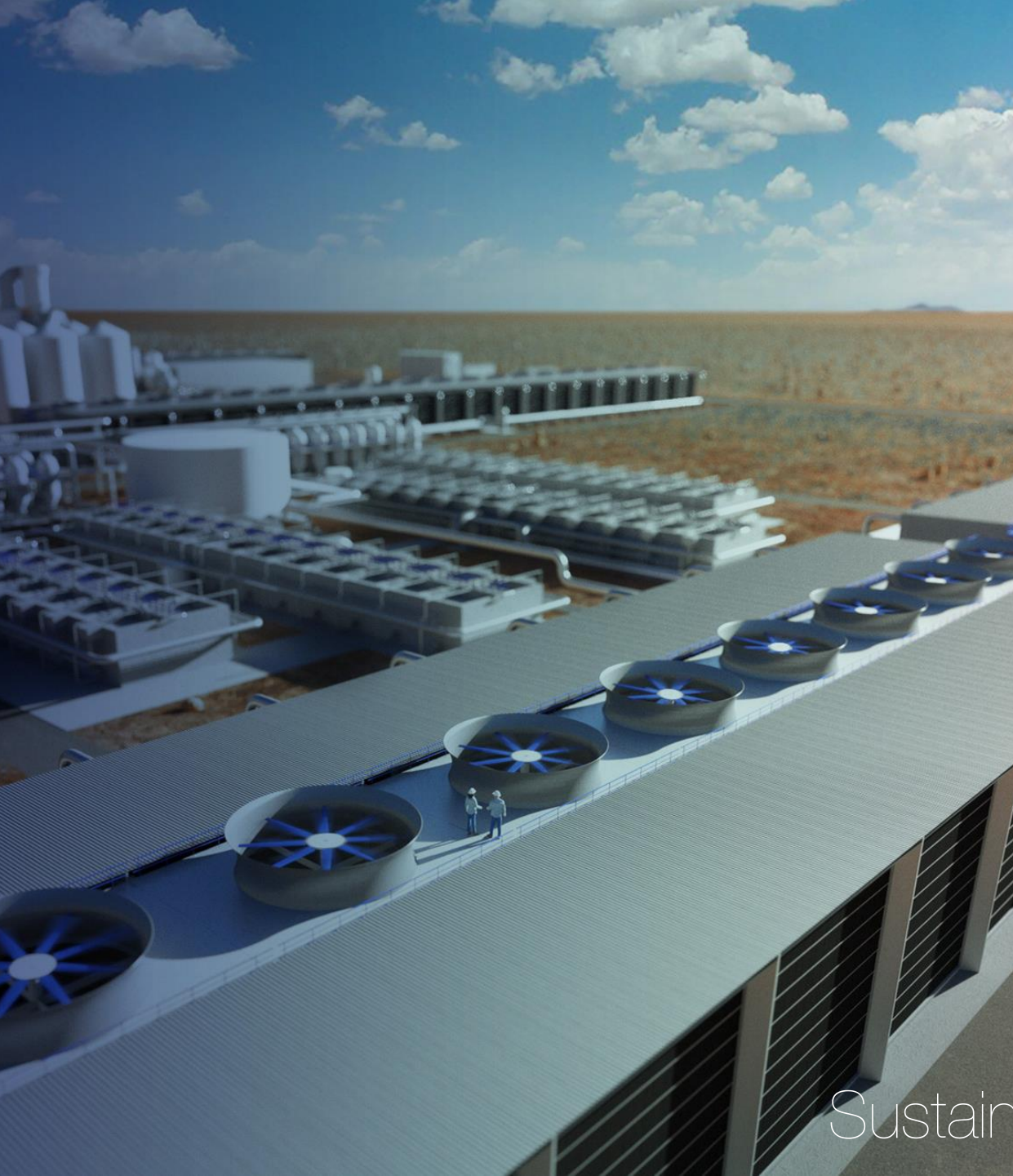
Disruptive Technology



Market-based Measures

## Disruptive technologies

- Our ambition is to bring to the market a zero emission aircraft by 2035
- Hydrogen combustion generating thrust by burning liquid hydrogen
- Hydrogen fuel cells converting energy stored in H2 into electrical energy to power electric motors
- Active on the H2 ecosystem: part of international organizations and coalitions and signing multiple partnerships



Latest Generation Aircraft



Operations & Infrastructures



Sustainable Aviation Fuels



Disruptive Technology



Market-based Measures



## Market-based Measures

- Regulatory measures: European Union's Emissions Trading System (EU ETS) and the Carbon Offsetting and Reduction Scheme for International Aviation (CORSA).
- Voluntary measures: Airbus supports carbon removal credits from Direct Air Carbon Capture and Storage - and their future inclusion in international/ regional regulatory frameworks. Airbus partnered with 1PointFive to bring technology to aviation at scale.

# Working with the ecosystem for SAF and H2 deployment



- SAF cumulated airline offtake commitments over 20mt between now and 2030
- Deployment of H2 hub clusters with multi-sectoral stakeholders



together  
we are  
Sustainable

- Airbus committed to take a leadership position towards clean aerospace
- Airbus engages with the entire ecosystem
- Airbus focuses its innovation portfolio on projects towards above targets.