



Aero-notes

WELCOME

to Aero-notes 55, the Airbus newsletter dedicated to Individual Investors.

On the 28th of October, we reported our 9m financial results, confirming a solid financial performance in a complex operating environment, including disruptions in our supply chain from the cumulative impact of Covid, the conflict in Ukraine, energy supply issues and constrained labour markets. We remain focused on our key priorities, and in particular delivering the commercial aircraft ramp-up over the coming months and years. On this topic, we recently had some important milestones including the delivery of the 220th A220 in July and of the 500th A350 in September.

In September, we also had the opportunity to discuss our growth trajectory, our roadmap to decarbonise aviation and our role in defence with some of our main shareholders and investors, during our Capital Market Day. At the Airbus Summit, we brought together business leaders, partners and industry experts to take a closer look at the concrete progress being made on our journey towards decarbonisation.

In this Aero-notes edition, you will read about some of our most innovative projects, like the development of a hydrogen-powered fuel cell engine, or the new DisruptiveLab design to test reduced emission technologies on Helicopters. You will learn more about Airbus' partnerships with industry leaders to develop key technologies in the field of electrification, hydrogen technology and SAF among others.

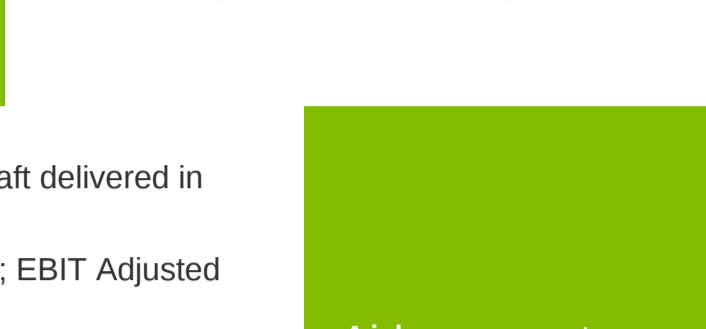
I hope you will enjoy the festive season. I am looking forward to write to you again in 2023, and share with you more about our achievements and innovations.

Yours,

Hélène Le Gorgeu,
Head of Airbus Investor Relations & Financial Communication

AIRBUS SNAPSHOT

Share price evolution (in %) 2021.12.31 to 2022.12.16



- 437⁽¹⁾ commercial aircraft delivered in 9m 2022
- Revenues € 38.1 billion; EBIT Adjusted € 3.5 billion
- EBIT (reported) € 3.6 billion; EPS (reported) € 3.26
- Free cash flow before M&A and customer financing € 2.9 billion
- 2022 guidance updated for FCF before M&A and customer financing

Airbus reports Nine-Month (9m) 2022 results

(1) Before a reduction of two aircraft previously recorded as sold in December 2021 for which a transfer was not possible due to international sanctions against Russia.

Airbus no longer maintains 2022 commercial aircraft delivery target, confirms financial guidance



- 68 commercial aircraft deliveries in November, bringing annual deliveries to 565⁽¹⁾ aircraft as of end of November
- Adjusts speed of A320 Family ramp-up to rate 65 for 2023 and 2024
- Maintains the objective of reaching rate 75 by the middle of the decade

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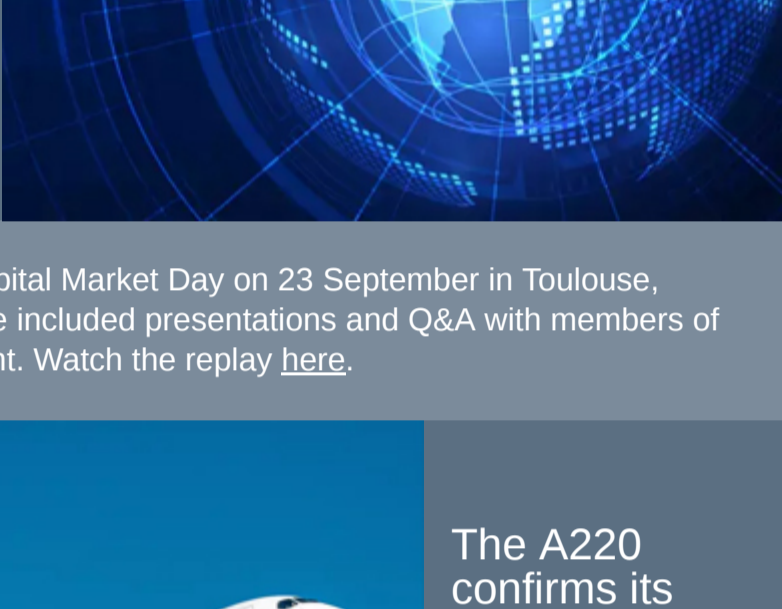
BUSINESS UPDATE



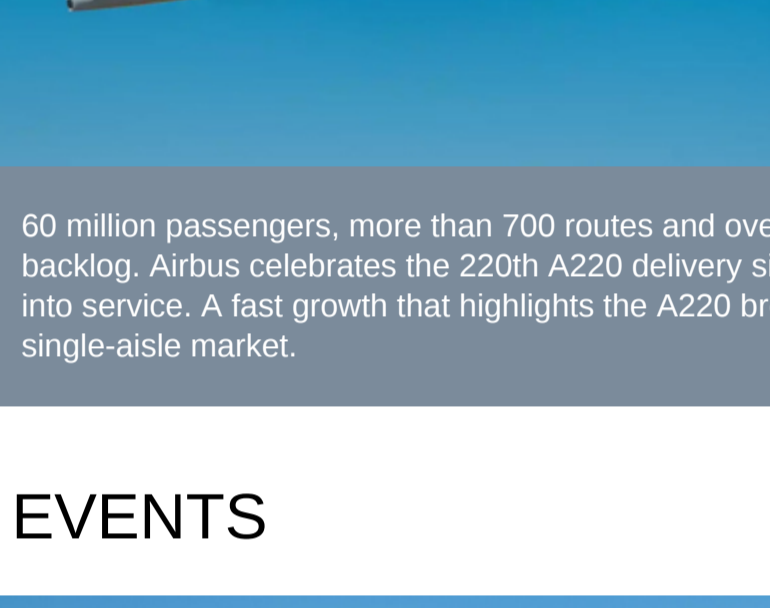
Airbus delivers its 500th A350

225 million passengers, more than 900 routes and over 400 orders in the backlog. At the end of September 2022, Airbus celebrated its 500th A350 delivery with an aircraft for Iberia. With this milestone, the A350 Family is continuing to spread its wings to all corners of the world.

Capital Market Day 2022



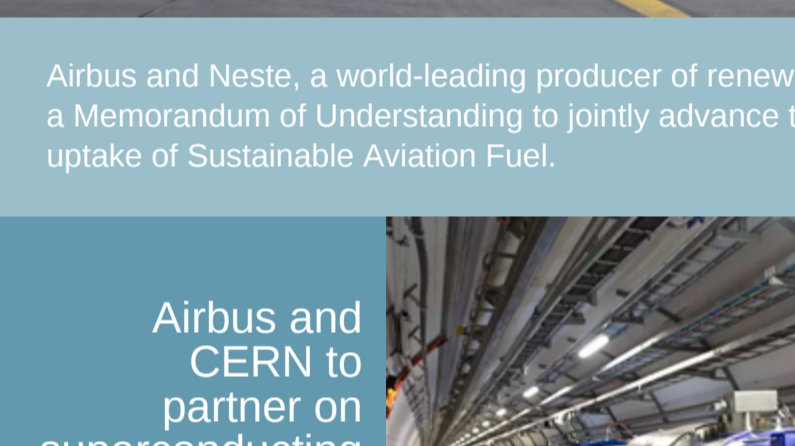
Airbus held its 2022 Capital Market Day on 23 September in Toulouse, France. The programme included presentations and Q&A with members of Airbus' Top Management. Watch the replay [here](#).



The A220 confirms its breakthrough on the small single-aisle market

60 million passengers, more than 700 routes and over 760 orders in the backlog. Airbus celebrates the 220th A220 delivery six years after its entry into service. A fast growth that highlights the A220 breakthrough on the small single-aisle market.

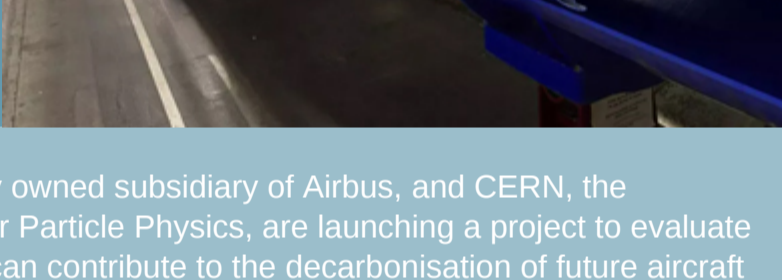
EVENTS



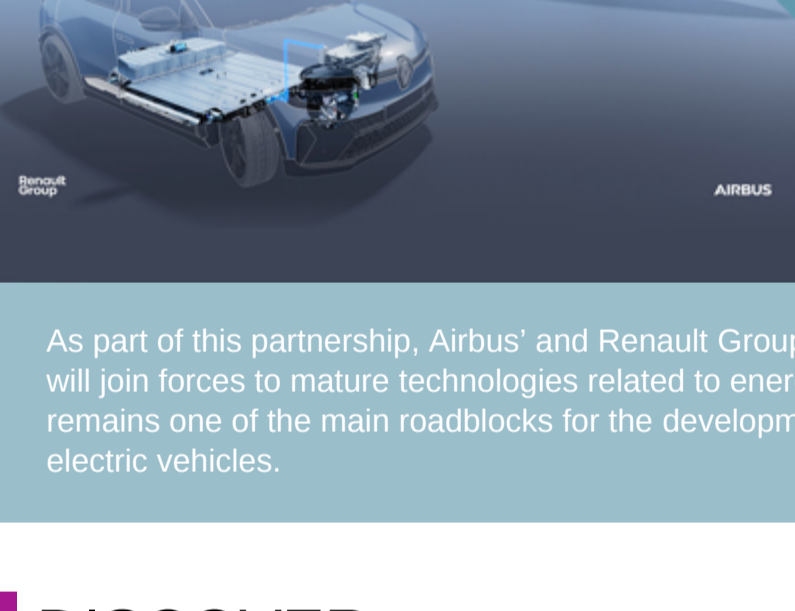
Airbus and Neste join forces on SAF development to decarbonise aerospace

Airbus and Neste, a world-leading producer of renewable fuels, have signed a Memorandum of Understanding to jointly advance the production and uptake of Sustainable Aviation Fuel.

Airbus and CERN to partner on superconducting technologies for future clean aviation



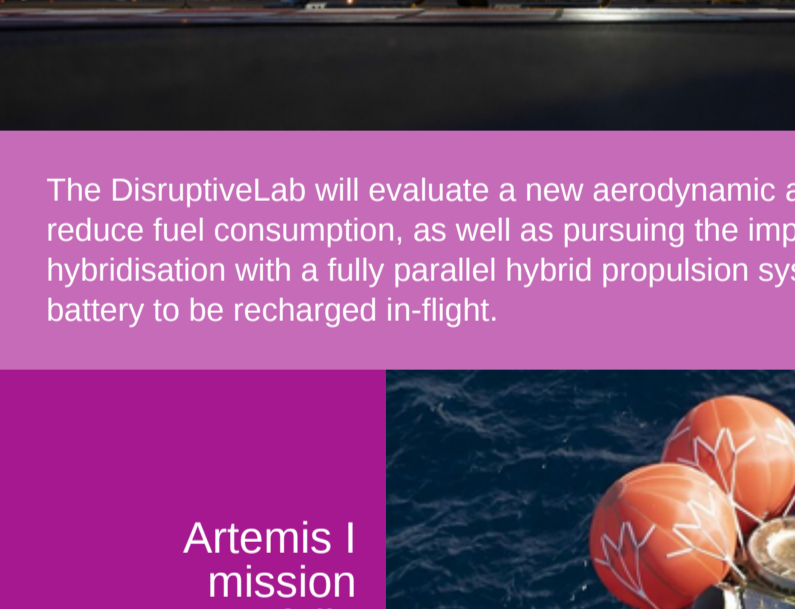
Airbus UpNext, a wholly owned subsidiary of Airbus, and CERN, the European Laboratory for Particle Physics, are launching a project to evaluate how superconductivity can contribute to the decarbonisation of future aircraft systems.



Airbus and Renault Group to advance research on electrification

As part of this partnership, Airbus' and Renault Group's engineering teams will join forces to mature technologies related to energy storage, which remains one of the main roadblocks for the development of long-range electric vehicles.

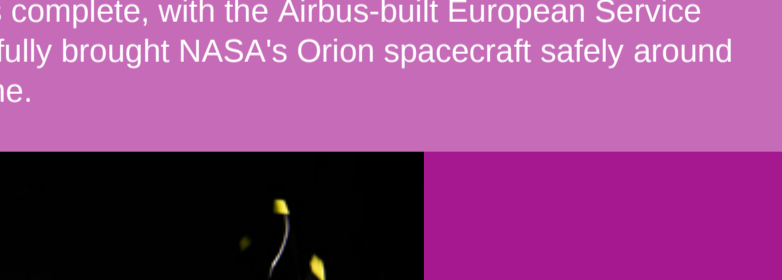
DISCOVER



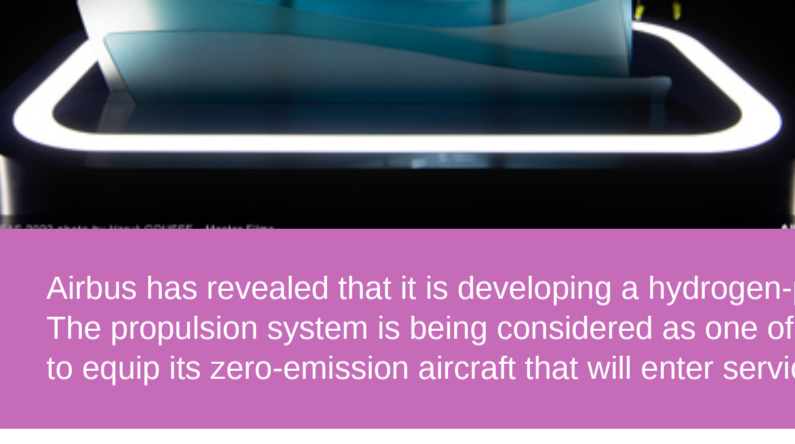
Airbus unveils its DisruptiveLab to test new decarbonisation focused technologies

The DisruptiveLab will evaluate a new aerodynamic architecture intended to reduce fuel consumption, as well as pursuing the implementation of hybridisation with a fully parallel hybrid propulsion system that enables the battery to be recharged in-flight.

Artemis 1 mission successfully completed



The Artemis 1 mission is complete, with the Airbus-built European Service Module having successfully brought NASA's Orion spacecraft safely around the Moon and back home.

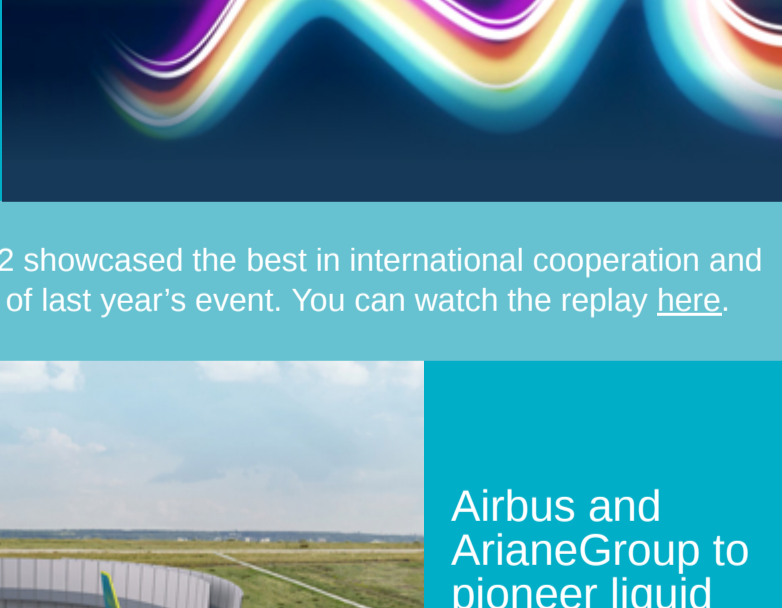


Airbus reveals hydrogen-powered zero-emission engine

Airbus has revealed that it is developing a hydrogen-powered fuel cell engine. The propulsion system is being considered as one of the potential solutions to equip its zero-emission aircraft that will enter service by 2035.

SUSTAINABILITY & ENVIRONMENT

Gathering pace towards sustainable aerospace



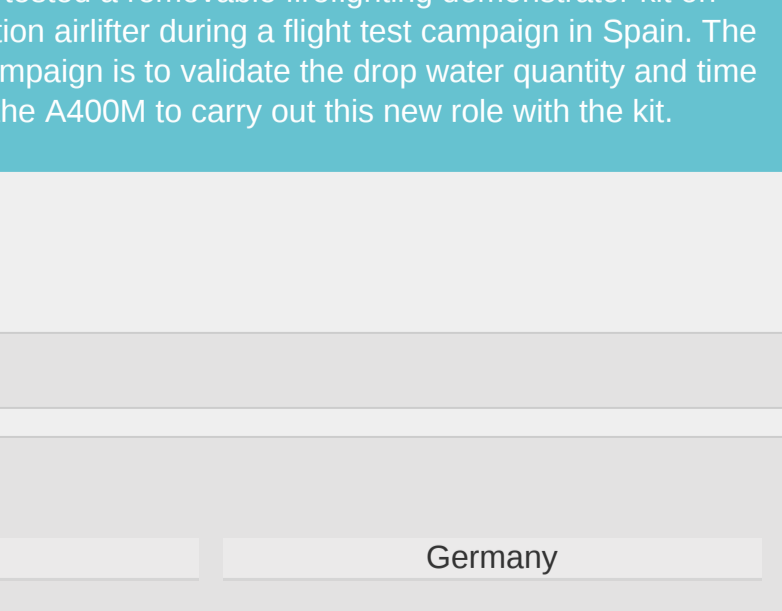
The Airbus Summit 2022 showcased the best in international cooperation and build on the momentum of last year's event. You can watch the replay [here](#).



Airbus and ArianeGroup to pioneer liquid hydrogen technology

Airbus and ArianeGroup, a joint venture equally owned by Airbus and Safran, and a world leader in space propulsion technologies, will work together to build the first liquid hydrogen refueling facility for ZEROe aircraft at Toulouse, Blagnac airport.

Airbus successfully tests firefighting kit on A400M



Airbus has successfully tested a removable firefighting demonstrator kit on the A400M new generation airlifter during a flight test campaign in Spain. The main objective of the campaign is to validate the drop water quantity and time as well as the ability of the A400M to carry out this new role with the kit.

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