

INVESTIGATION

How Airbus prepares hydrogen aircraft 🇫🇷

After the propeller and the reactor, the aircraft is about to enter its third revolution. The European industrialist put his troops in battle order to propose, by 2035, the first decarbonized airplane.



The three commercial aircraft designs of Airbus, using hydrogen as a mode of propulsion. (Airbus SAS 2023)

By

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Three “paper” aircraft were sufficient to stir up the aeronautical sector. Three years ago, to announce the third revolution in hydrogen propulsion, Airbus presented three synthetic images: a twin-engined propeller, a conventional single-aisle engine with two reactors and then... a mysterious flying wing. The European aviation giant promised that one of these virtual aircraft would fly into a very real sky by 2035, thanks to hydrogen energy.

Until now, this project has been the preserve of start-ups, such as the company, such as [the company](#), the '[eroAvia](#)', the '[Universal Hydrogen](#)' or [Destinus](#)' ambitions, whose ambitions have been scrutinised with a real but prudent interest, as the stunning statements are part of the DNA of start-ups. But Airbus' entry into the dance suddenly gives weight to the promise of the hydrogen-powered aircraft. “*Since 2018, we have*

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