

# Japan invested 33 billion USD to design a new hydrogen-powered passenger aircraft

The effort is aimed at making Japan the leader in passenger aircraft production - a position it has not held for more than half a century.

After delays and a series of troubling failures of an aircraft project last year, when the private-led joint venture was discontinued, Japan recently revealed a new vision for developing domestic passenger aircraft. next generation geo. The advanced aircraft aims to incorporate 'new environmental energy technologies' such as hydrogen fuel.



In an official statement, Japan's Ministry of Economy, Trade and Industry emphasized its dedication to decarbonizing the air transport sector. The new statement said: '*It is important for us to build next-generation aircraft based on technologies with which Japan is highly competitive, while also contributing to the decarbonization of the transport industry air*'.

As AFP reported, at a meeting with industry experts, an official from the Japanese Ministry of Economy, Trade and Industry outlined a completion target of after 2035. To achieve this goal, the investment Significant investment worth 5 trillion yen (33 billion USD) will be allocated over the next decade, to promote research and development of passenger aircraft using new energy such as hydrogen fuel.

This latest effort is to make Japan the leader in passenger aircraft production - a position it has not held for more than half a century.

Kazuchika Iwata, Japan's Minister of Economy, Trade and Industry, explains: '*For the Japanese aircraft industry to achieve sustainable growth, we cannot be satisfied with our position as a supplier. your spare parts. Taking the lead in carbon-neutral technology initiatives such as hydrogen propulsion, it will be key to ensuring*

*Japan's prominent position in partnerships with other countries globally'.*

Hydrogen fuel is a promising alternative prospect due to its zero carbon emissions, fully consistent with Japan's commitment to zero carbon emissions by 2050. However, critics question the feasibility of 'green' hydrogen, without a reliable supply chain derived from renewable energy. CLSA Japan analyst Edward Bourlet also noted the significant cost and complexity of this project.

Yet despite the potential hurdles, the vision of a hydrogen-powered plane holds promise. If successful, this project will make a significant contribution to environmental sustainability, making Japan a leader in a rapidly growing sector.

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