

# Advancing Aerospace Decarbonization: The Impact of Disruptive Technologies through Airbus Defence and Space's Contributions to Clean Sky 2

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## ABSTRACT

At the upcoming World Conference on Climate Change and Global Warming, Airbus Defence and Space will present its contribution in the Clean Sky 2 initiative, highlighting how disruptive technologies are playing a pivotal role in the decarbonization of the aerospace sector, including defense Aerospace transport. The presentation will address the development and implementation of innovative solutions in advanced materials, new manufacturing process and aerodynamical efficiency, demonstrating Airbus Defence and Space's commitment to reducing the environmental footprint of its operations and products. The study will provide insights into collaborative efforts within the aerospace industry to meet global sustainability goals, showcasing the potential of technology to transform the sector towards a more sustainable future.



*The Airbus C295 technology demonstrator of Clean Sky 2 makes its maiden flight*



*Advanced Composite External Wing Box*

**Keywords:** Technology, clean-aviation, disruptive