

The Future of Electric Aircraft

Dr. Thomas Scherer, Engineering Consultant Energy Systems

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During the last decade, a huge number of **electrified aircraft** projects have been started. But will we see successful aircraft solutions that will have a significant influence on decarbonisation of commercial air traffic? Analysing the key challenges in **overall aircraft design** can help to understand the **market opportunities** for battery electric, hybrid and fuel cell powered aircraft. The analysis is focussed on the regional aircraft market.

Dr. Scherer holds a PhD in Aeronautical Engineering from RWTH Aachen University. He started his career as systems engineer at Airbus in Hamburg and worked for 21 years as head of air systems development. In 2015 he became Vice President Energy Management and Power on Board. Since his retirement in 2021 Thomas Scherer works as engineering consultant for energy systems. His research and development interest is in electric passenger aircraft with a focus on aircraft design, engines and systems.

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