

NASA awards \$11.5m to aircraft sustainability projects

November 14, 2024



NASA has announced a significant investment of \$11.5 million to fund five research projects aimed at revolutionizing aviation technology. The initiative, known as the Advanced Aircraft Concepts for Environmental Sustainability (AACES) 2050 program, seeks to identify innovative solutions to reduce the environmental impact of air travel.

The selected projects will explore cutting-edge concepts and technologies that could significantly improve aircraft efficiency, reduce emissions, and enhance overall sustainability. By investing in research and development, NASA aims to shape the future of aviation and ensure a more sustainable future for air travel.

The awardees, including Aurora Flight Sciences, Electra, JetZero, Pratt & Whitney, and the Georgia Institute of Technology, will work on a range of projects, from advanced propulsion systems to novel aircraft designs. These studies will provide valuable insights into the potential of emerging technologies to address the aviation industry's environmental challenges.

As the aviation industry continues to grow, there is an urgent need to reduce its carbon footprint. By investing in research and development, NASA is taking a proactive approach to addressing this challenge and ensuring the long-term sustainability of air travel.