

## 2023 Global Industry Survey: Building A More Sustainable Future of Flight Executive Summary

The following results reflect feedback from 325 aviation decision makers in the U.S., U.K., China, India, the UAE, and France in response to a survey conducted from May 2-11, 2023, supplemented by in-depth qualitative interviews with eight aviation executives. This study was designed to examine the industry’s progress toward and reveal stakeholder perspectives on sustainability challenges, goals, and strategies within the industry. Results show alignment on and investment in sustainability, but that—even with action the industry is taking now—accelerated support is needed to reach net zero by 2050.

### Amidst myriad headwinds, aviation leaders identify sustainability as the top challenge TODAY.

Among aviation leaders surveyed, 30 percent say meeting the industry’s sustainability goal is the top current challenge, even over supply chain and labor issues. Respondents are split as to whether progress is happening at the right pace, with 51% saying it is too slow, adding a sense of urgency to a longer-term target.

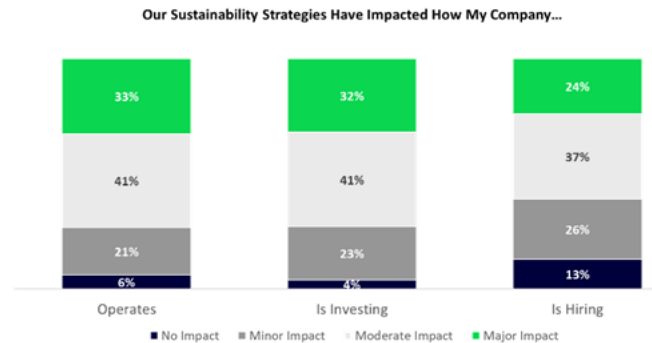
However, even in the face of these challenges, two-thirds (67 percent) agree that the aviation industry is united in its focus on implementing sustainability solutions, and over 75 percent agree that sustainability has fundamentally changed the way the industry operates.



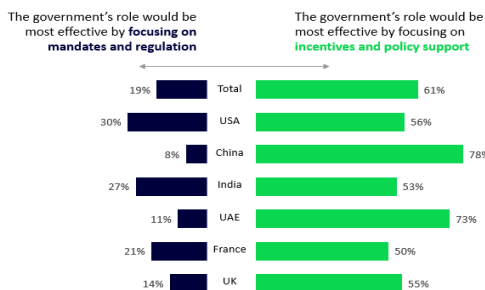
### Companies report they are putting their money where their mouth is, but accelerated support is needed to reach net zero by 2050.

Nearly 90 percent of respondents say their company already has a sustainability strategy in place, and more than 70 percent of these respondents say their sustainability strategy is having a major or moderate impact on how they invest and operate. Nearly as many say their company investments will be maintained or grow even in the face of inflation or recession.

While a plurality (46 percent) believe the industry will reach net zero by 2050, 32 percent say it will not, and 22 percent are unsure. On average, respondents believe the target will be met by 2055. The biggest hurdles are a mix of rising costs, funding, supply issues, and energy resources, and respondents believe advances in both fuels and engines will play the biggest role in reaching the 2050 goal.



### Government has a key role to play.



29% of respondents selected government as the external group applying the most pressure to accelerate sustainability (followed by investors at 17%), with 61% showing a preference for incentives and policy support over mandates and regulation. Respondents rank increased sustainable aviation fuel (SAF) investment as the number one most important role for government to play in reaching the 2050 goal.

## **What GE Aerospace is doing to help the industry and our customers meet their goals:**

GE Aerospace is meeting sustainability challenges head-on—deploying solutions to help customers now, collaborating to accelerate near-term uptake of alternative fuels, and looking ahead to identify long-term opportunities for the future of flight. Our bold, disruptive engine development programs are rethinking the basic architecture of engine design, and this decade, GE Aerospace and its partners will conduct tests of open fan technology, a modified aircraft with hybrid electric propulsion systems, and an engine converted for hydrogen combustion. For more information, visit <https://www.geaerospace.com/industry-survey>.