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HARNESSING GEN Z'S VISION AND NAVIGATING THE FUTURE OF AEROSPACE

Abstract

The aerospace industry is undergoing profound changes, driven by the rise of private sector dominance, evolving government priorities, and shifting generational perspectives. This research integrates insights from a Gen Z-focused study with contemporary developments in the aerospace sector to examine the future of space exploration and innovation. The survey results reveal that younger Gen Z is a risk-oriented and space-enthusiastic generation, highlighting a generational willingness to engage in space exploration if accessibility improves. Additionally, sustainability emerged as a key concern, with 60Many participants emphasized the importance of the government addressing pressing global issues on Earth before advancing space exploration, while acknowledging that the private sector operates independently. However, excessive government funding of private companies could mirror the inefficiencies of direct spending. In parallel with these generational trends, significant contemporary issues shape the aerospace landscape: NASA's Declining Budget and Private Sector Dominance: Despite a reduction in NASA's overall budget, contracts like the $843 millionawardedtoSpaceXhighlighttheincreasingrelianceonprivatecompanies, includingSpaceXandVirginGalac$
$Suggestedpotentialderegulationtoaccelerateinnovationinaerospace.BalancingDeregulationwithOversight:$
$Whilederegulationcouldspurfasterdevelopmentofspacetechnologies, concernsaboutsafetystandardsandenvironmentalp$
$OrientedandSustainability-FocusedPerspective: Government'sStrategicRoleinAerospaceBalancingDeregulationwit$
$Recognizehowtheprioritiesofarisk-oriented, sustainability-focusedgenerationcanshapefuturepolicies, investments, a$
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