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Sustainability Goals and Initiatives in Aviation Industry

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Aviation industry is an operations intensive industry with multi stakeholders' involvement mainly airports, airlines, civil aviation authorities, ground handling agencies and aircraft manufacturing companies. The impact of operating yearly 47 million flights, transporting 4.5 billion passengers with 8.6 trillion revenue passenger kilometers through 48044 plus routes is dreamliner so as environmental hazards in term of producing 914 million tonnes of Co2 annually. To create the balance, UN agency International Civil Aviation Organization (ICAO) establish environmental goals towards sustainability of aviation industry by 2050. This paper attempts to throw light on the edifice of aviation sustainability goals and air transport industry initiatives through compilation of industry cases. The paper also establishes the need of collaborative decision making, policy formation and alternate energy sources through practicable initiatives by aviation players as recommendations.

Key Words: Aviation, Sustainability Goals, Policy Formation, Environmental Goals

Biography:

Dr. Manish Yadav, core domain faculty with esteemed Qatar Aeronautical Academy (Government Establishment), has diversified work experience of more than 15 years as renowned aviation educationist and industry professional with premier organizations across India, Oman and Qatar. He is also very active in aviation research and part of various industry events across globe including Dubai Aeroshow 2018, Singapore Aviation Festival 2019, Gulf Aviation Training Event-2018 etc. Along with aviation teaching and research, he has avid experience in academic consultancy, program management and curriculum development. He has earned his doctorate in airline strategic management, master's in aviation management and graduation in electronics as major.