

Asia Pacific Green Airport Market Size study, by Energy Type (Bioenergy, Solar energy, Wind power) by Airport Type (Civil, Military), by Airport Class (Class A, Class B, Class C) and Country Forecasts 2022-2032

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Abstracts

Asia Pacific Green Airport Market is valued at approximately USD 1.01 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 11.50 % during the forecast period 2024-2032. Green Airport, known as a sustainable or eco-friendly airport, refers to an airport that prioritizes environmental conservation and minimizes its ecological footprint throughout its operations. These airports implement various strategies and practices to reduce energy consumption, greenhouse gas emissions, and waste generation, while also promoting biodiversity conservation and community engagement. In Asia Pacific Green Airport Market, Airport authorities in the region are pursuing green building certifications such as LEED (Leadership in Energy and Environmental Design) and BREEAM (Building Research Establishment Environmental Assessment Method) for new construction and major renovation projects. These certifications demonstrate a commitment to sustainability and environmental stewardship.

The expansion of the Asia-Pacific Green Airport Market can be attributed to the surging demand for air travel and the widespread development of green airport projects across the region. The Asia-Pacific region has seen remarkable growth in recent years. According to International Air Transport Association, , in August 2023, Asia Pacific airlines experienced a staggering 98.5% increase in traffic compared to the same period in 2022, indicating a robust upward trend following the lifting of travel restrictions. This surge in demand has resulted in an impressive 5.5% point rise in the load factor, reaching 84.2%, while capacity has soared by 85.5%. As air travel continues to soar in

the Asia-Pacific region, airports are embracing sustainable practices to meet growing environmental concerns. Furthermore, the market is driven by increased investment in the adoption of sustainable technologies in airports and stringent government regulation towards carbon emissions. However, the lack of harmonization in environmental regulations, on the other hand, would stifle market growth between 2022 and 2032.

The key Countries considered for the Asia Pacific Green Airport Market study includes China, India, Japan, South Korea, Australia and Rest of Asia Pacific. In 2023, India was the largest regional market. The market in India, the region is experiencing the emergence of new green airports. In July 2023, the Indian government granted 'in-principle' clearance for the construction of 21 Greenfield Airports nationwide. These airports, constructed from the ground up, are poised to enhance connectivity and streamline air travel accessibility across the country. Furthermore, there has been an increase in government backing and regulatory frameworks bolstering the development of green airports in the region. China, on the other hand, is expected to develop at the fastest rate over the forecast period.

Major market player included in this report are:

Incheon International Airport Corporation

GMR Group

Brisbane Airport Corporation

Changi Airport Group

Japan Airport Terminal Co., Ltd.

Company 6

Company 7

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

By Energy Type

Bioenergy

Solar energy

Wind power

By Airport Type:

Civil
Military

By Airport Class
Class A
Class B
Class C

By Region:
Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC

Years considered for the study are as follows:

Historical year – 2022
Base year – 2023
Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market

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