

**Recommendations of the
International Advisory Panel on Sustainable Air Hub:
15 Initiatives and Four Critical Enablers**

| Airport | Airline | Air Traffic Management |
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| <ul style="list-style-type: none"> (i) Deploy solar power on the airfield (ii) Secure and increase the use of renewable electricity (iii) Improve building energy efficiency by reducing the air-conditioning carbon footprint (iv) Facilitate transition of airside vehicles towards clean energy sources (v) Explore system optimisation with a digital twin project (vi) Enhance resource circularity through an on-site waste-to-energy facility | <ul style="list-style-type: none"> (i) Develop and implement a roadmap to create a long-term secured Sustainable Aviation Fuel (SAF) supply ecosystem. (ii) Establish a “Singapore / ASEAN Corporate Buyers’ Club” to create demand signals (iii) Design and introduce a structural offtake mechanism and create demand signals for secured long-term, lower-cost SAF supply (iv) Innovate to build deep aviation industry vertical offerings in carbon markets, develop a support ecosystem for aviation carbon offsets solutions and encourage uptake among corporates and consumers (v) Explore a potential technical centre for capability-building to ensure that Singapore can be an early adopter of aircraft technology | <p><u>Short-term (2022-2026)</u></p> <ul style="list-style-type: none"> (i) Implement advanced demand-capacity balancing (ii) Enhance performance-based navigation (iii) Optimise gate-to-gate trajectory <p><u>Medium-Term (2027-2032)</u></p> <ul style="list-style-type: none"> (iv) Implement trajectory-based operations and free route airspace in collaboration with stakeholders and partner Air Navigation Service Providers |
| Critical Enablers | | |
| <ul style="list-style-type: none"> (i) Policy and regulation (ii) Industry development (iii) Infrastructure planning and provision (iv) Workforce transformation | | |