

Beyond the Runway: Aviation for a Changing World

For over 50 years, AECOM has been at the heart of Hong Kong's aviation journey — from Kai Tak to Chek Lap Kok — helping transform the city into a leading international hub.

Today, our work extends far beyond the runway to the entire aviation ecosystem. Over the past decade, the Airport Authority Hong Kong has entrusted us

with 20+ strategic projects for Hong Kong International Airport (HKIA) — from infrastructure on the airport island to the HKIA Dongguan Logistics Park. Our impact extends even further, shaping key pillars of the emerging airport city, Skytopia, including the AsiaWorld-Expo, the 11 SKIES retailtainment center, and our vision for a regional Low-Altitude Economy Skyway Network.

Together, these initiatives are redefining the visitor experience, driving economic vitality, and enhancing regional connectivity.

We don't just build runways — we engineer the future of aviation.



Our expertise

From advisory and master planning to digital transformation, our multidisciplinary teams deliver integrated solutions across:

- Terminal design and space planning
- Reclamation and geotechnical engineering
- Airport APM system
- Building engineering (MEP, structural and fire engineering)
- Civil engineering
- EIA
- Landscape architecture
- ESG advisory including climate resilience and nature-based solutions

Key deliverables at Hong Kong International Airport

- Three-runway System (3RS)
- Terminal 2 Expansion
- Terminal 2 Concourse including the Coach Hall
- SkyPier Terminal, Intermodal Transfer Terminal
- Automated People Mover Depot
- New Integrated Airport Centre
- Climate Resilience Studies
- Independent Environmental Checker Service
- BIM for the 3RS
- Airfield Vehicular Tunnels and more...

Airport buildings awarded HKGBC BEAM Plus:



Platinum

- Hong Kong-Zhuhai-Macao Bridge
- Hong Kong Port

Provisional Platinum

- Terminal 2 Expansion
- Terminal 2 Concourse and Air Traffic Control Tower

Provisional Gold

- Fire Services Facilities
- Police Facilities

Hong Kong

30+

ongoing projects on HK Airport Island

3

master plan studies completed for Hong Kong International Airport since 1954

Global



150+

Airport



30M sq ft

of Terminal Space



750K ft

of Runways



US\$100B+

Completed Airport Projects

Shaping Hong Kong's Airport City: Integrating connectivity with transformative visitor experiences



Airport Railway

The Airport Railway integrates the Airport Express and Tung Chung Line to connect HKIA with the rest of Hong Kong and strengthen regional mobility.



Hong Kong-Zhuhai-Macao Bridge Hong Kong Port

This Hong Kong-Zhuhai-Macao Bridge Hong Kong Port connects three vital cities in the Greater Bay Area, driving regional economic and social connectivity.



Low-Altitude Economy: GBA Skyway Network

The Greater Bay Area (GBA) Skyway Network is AECOM's vision that unlocks the potential of the low-altitude economy and builds sustainable connectivity for Hong Kong across the GBA.



HKIA Asia Airfreight Terminal

The HKIA Asia Airfreight Terminal serves as a vital logistics hub supporting global cargo operations with speed, efficiency and connectivity.



Cainiao Smart Gateway

The Cainiao Smart Gateway is Asia's premier smart logistics hub, advancing HKIA's cargo strategy and supporting the rapid expansion of cross-border e-commerce.



HKIA Dongguan Logistics Park

The HKIA Dongguan Logistics Park creates a direct link between air cargo and manufacturing, driving growth across the Greater Bay Area through enhanced connectivity and supply chain integration.



AsiaWorld-Expo

Strategically positioned near HKIA, AsiaWorld-Expo serves as a gateway for global exhibitions, cross-industry collaboration, and the evolving art and culture landscape.



11 SKIES

Hong Kong's largest one-stop retailtainment and tourism landmark, 11 SKIES holds triple Platinum certifications from BEAM Plus, LEED and WELL.



Tung Chung Eco-shoreline

Spanning 4.9 kilometers, the Tung Chung Eco-shoreline utilizes nature-based solutions such as mangroves and rocky shorelines to enhance coastal resilience and enrich biodiversity.