



Civil Aviation Department
The Government of the Hong Kong Special Administrative Region



ICAO

60th Conference of Directors General of Civil Aviation Asia and Pacific Regions

Sendai, Japan
28 July - 1 August 2025

Development of Low-Altitude Economy (“LAE”) in Hong Kong, China

(Presented by Hong Kong, China)





Overview of LAE Development in Hong Kong, China



LAE Development Fact sheet

- ❑ Unique **demographics, geography and climate** have unleashed a **wide array of LAE use cases**
 - Densely populated with **7,000,000 +** population
 - **Hilly** terrain with **250 + islands**
 - Affected by **tropical cyclones** and strong monsoon
 - Close proximity to other cities in the Greater Bay Area, e.g. Shenzhen



Legislative Amendment Exercise

- ❑ New amendments to two pieces of **Civil Aviation Subsidiary Legislation**, effective from 18 July 2025, has provided a **firm legal footing** for LAE development

Small Unmanned Aircraft (SUA) Order (Cap. 448G) ('SUA Order')

Scope has been expanded to cover unmanned aircraft with $25 \text{ kg} < \text{weight} \leq 150 \text{ kg}$



Air Navigation (Hong Kong) Order 1995 (Cap. 448C) ('AN(HK)O 1995')

Trial for different types of unconventional aircraft - enable the development of passenger-carrying eVTOL aircraft in the future





LAE Regulatory Sandbox (“Sandbox”)



LAE Regulatory Sandbox - Launch Event



Local delivery



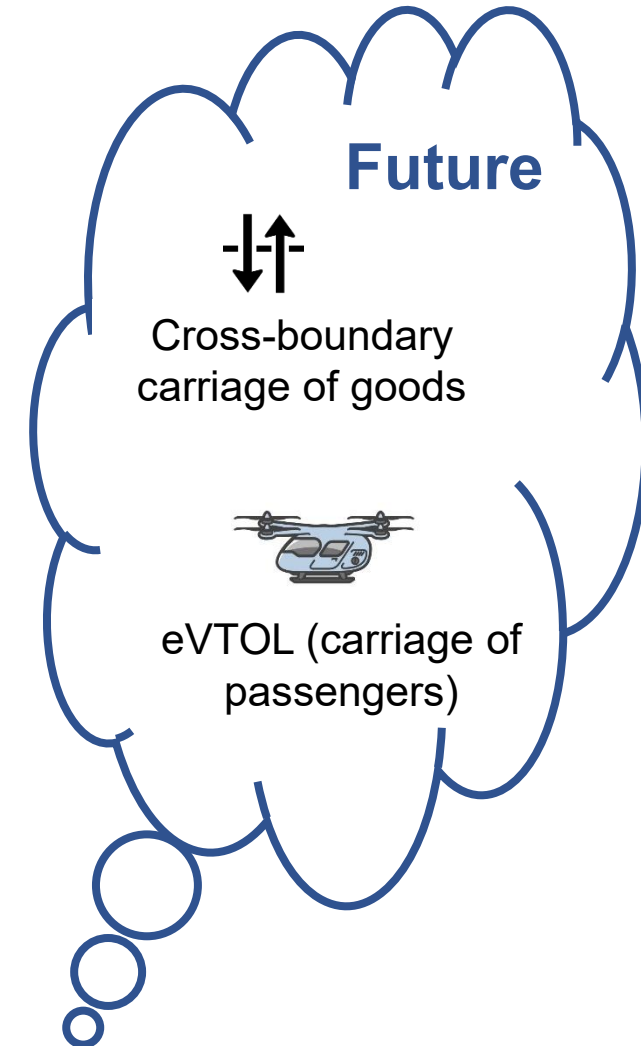
Safety inspection



Facade cleaning



Emergency and Rescue



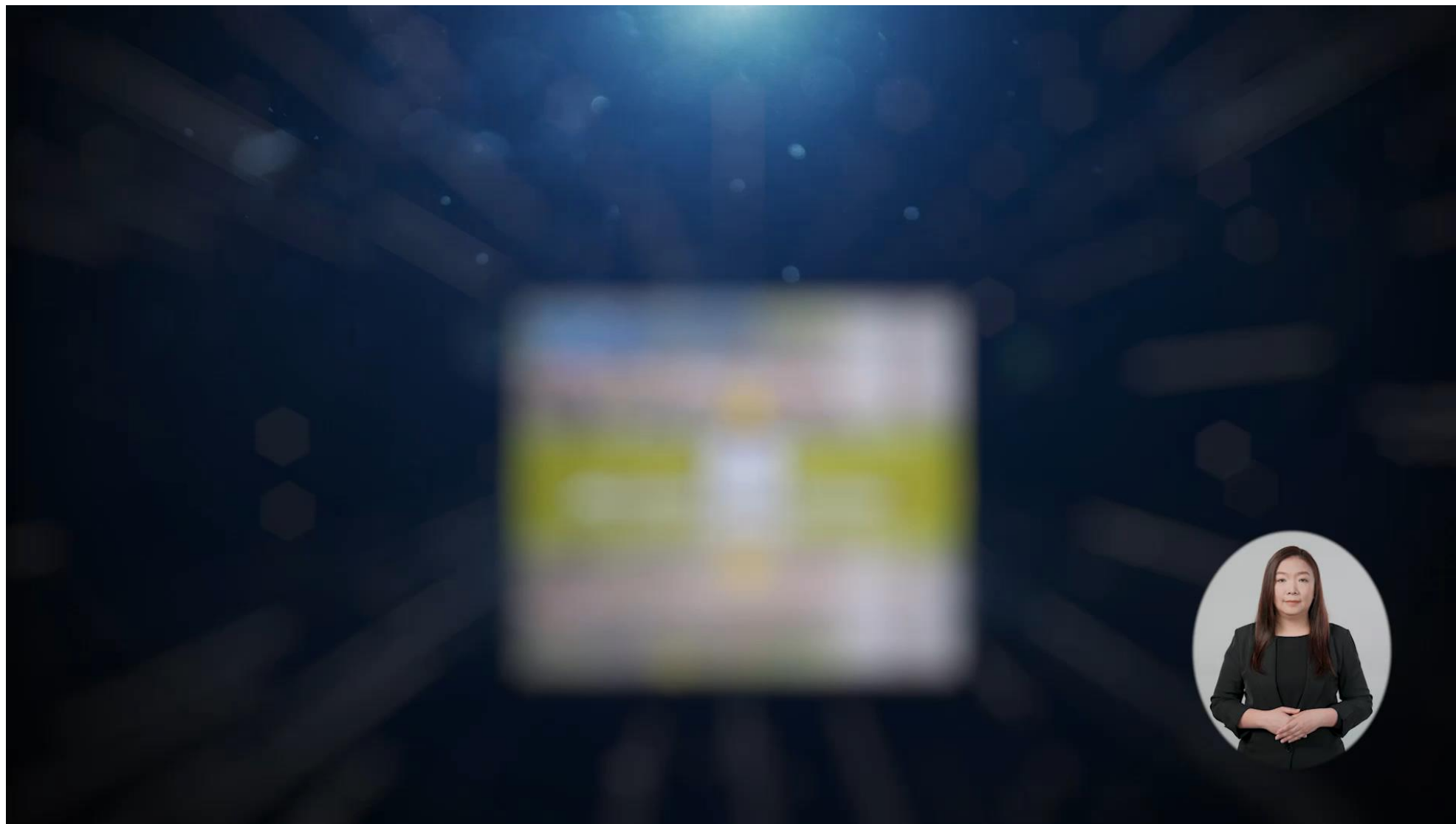


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Implementation of Sandbox to Explore Innovative Applications





Low-altitude Infrastructure and Other Continuous Efforts

- Hong Kong, China is conducting **technical research and planning on low-altitude infrastructure**, including design of take-off/ landing points and related hardware facilities, air route network, communications network, signal reception of the global navigation satellite system, low-altitude surveillance system, etc.

Smart Low Airspace Traffic Management Centre



Cloud computing and
big data analytics



Smart low airspace
traffic management

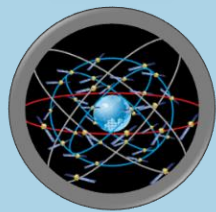


Flight plan
management



Cybersecurity

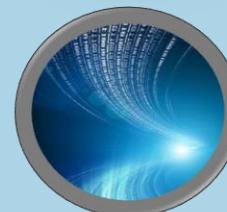
Infrastructure Systems and Facilities



Global Navigation
Satellite System



Mobile radio
network



High-speed data
transmission



Vertiport and
charging facilities



Action by the Conference

- Recognize Hong Kong, China's efforts in promoting the development of low-altitude economy
- Encourage States/Administrations to share their experiences and best practices in regulating and promoting the diverse applications of different types of AAM
- Urge the ICAO to continue supporting the development of global standards, guidance, and framework to facilitate the safe and efficient integration of AAM into low-altitude airspace





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THANK YOU

