



**Asia-Pacific
Economic Cooperation**

2024/TPTWG/AEG/TM1/007

Agenda Item: 3

Unlocking the Potential of Unmanned Aircraft Systems in Urban Delivery - Enhancing Efficiency and Sustainability

Purpose: Information
Submitted by: Meituan



**Thematic Session on Unmanned
Aircraft Systems: Flightpath to the
Future
9 April 2024**



Asia-Pacific
Economic Cooperation

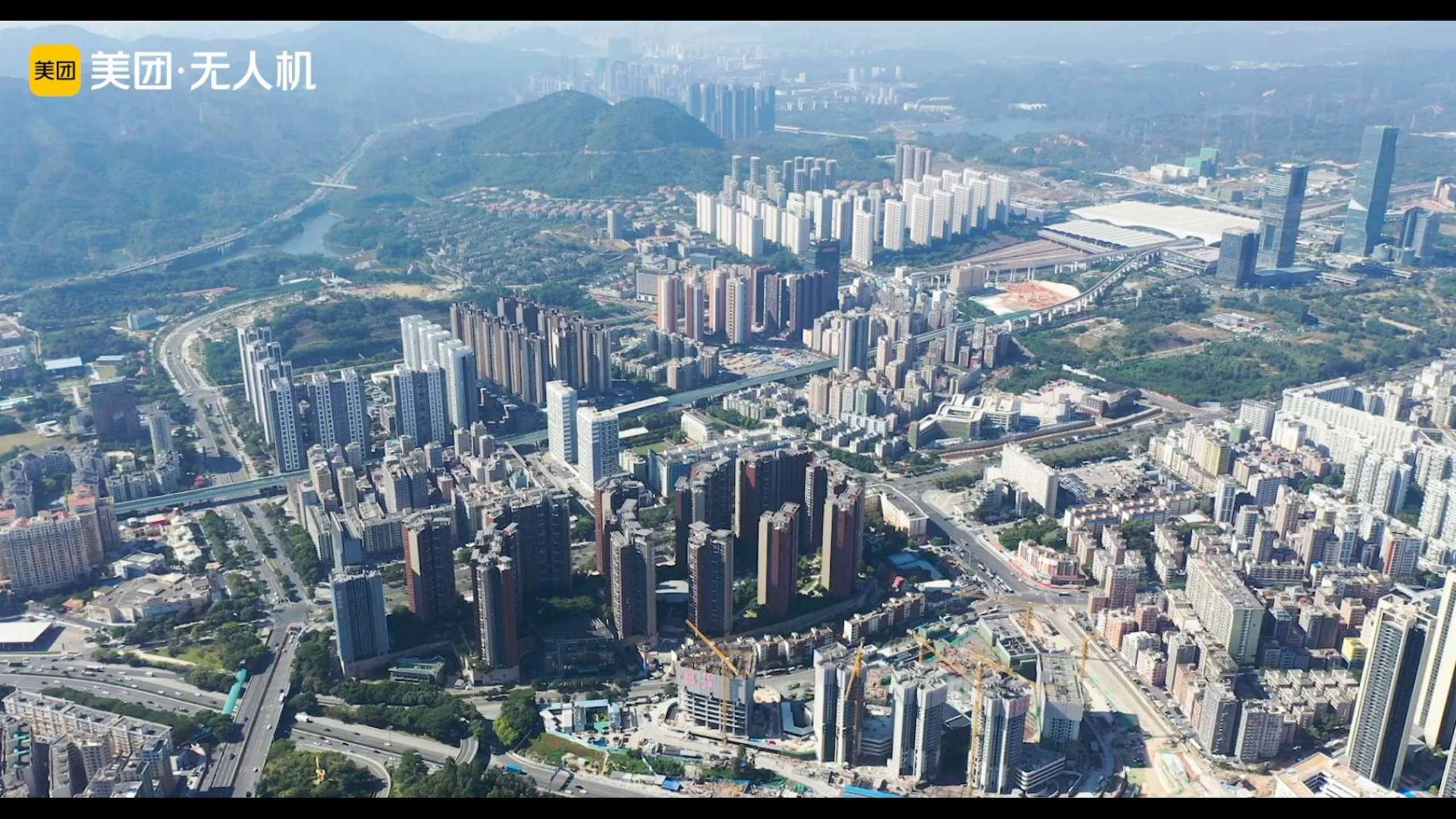
Unlocking the Potential of UAS in Urban Delivery

ENHANCING EFFICIENCY AND SUSTAINABILITY

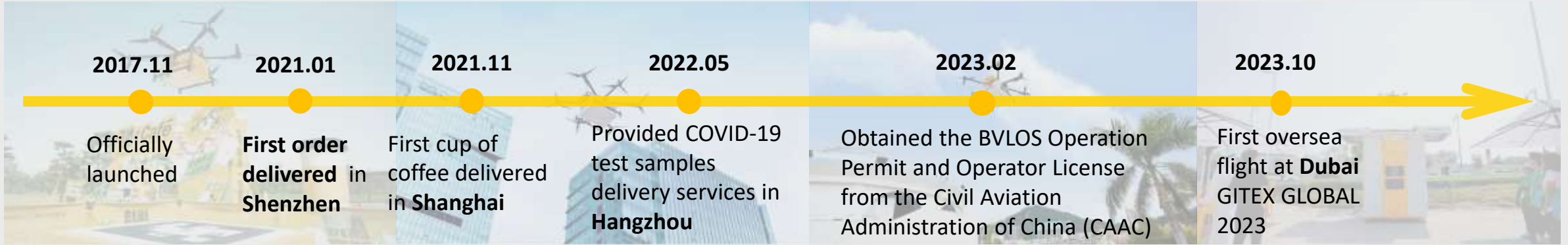
Yinian Mao Ph.D

04/2024

美团 美团·无人机



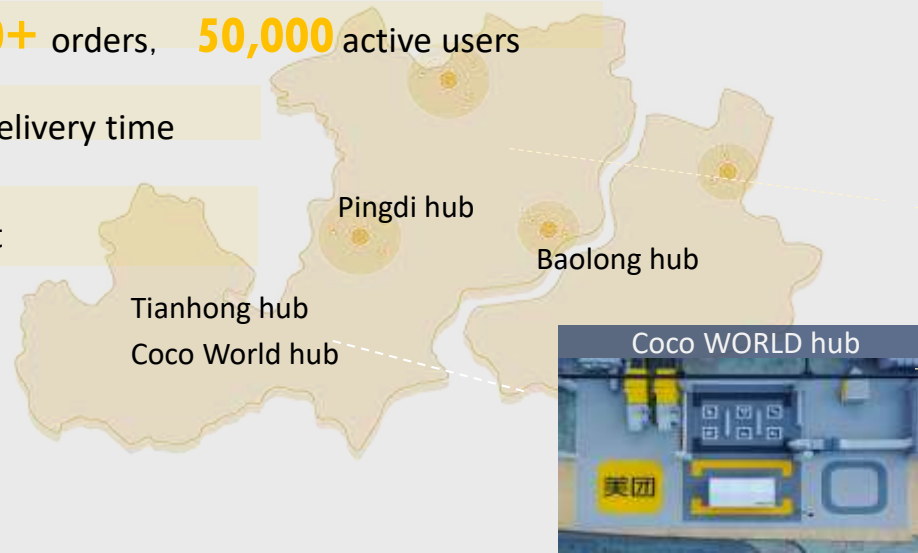
Drone Delivery Is Creating Advanced, Efficient and Sustainable Community



250,000+ orders, 50,000 active users

15min delivery time

0 accident

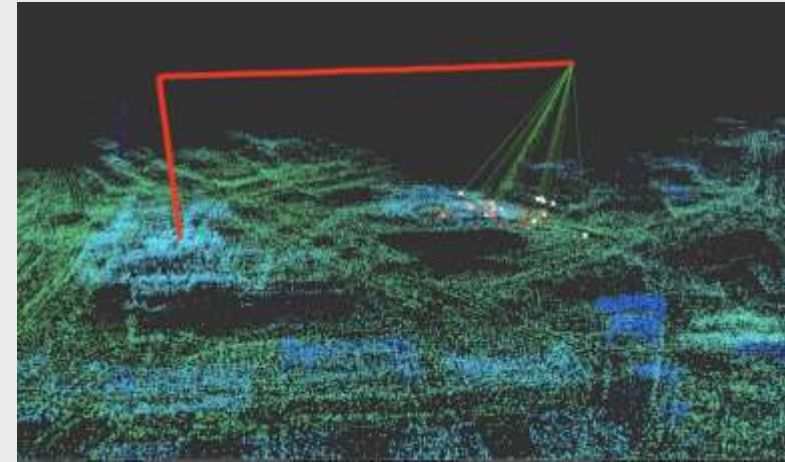


Advanced Technologies Are Revolutionizing Urban Delivery

Technology advancement provides **smart and efficient** delivery services, and addresses people's concern in safety, noise level, etc.



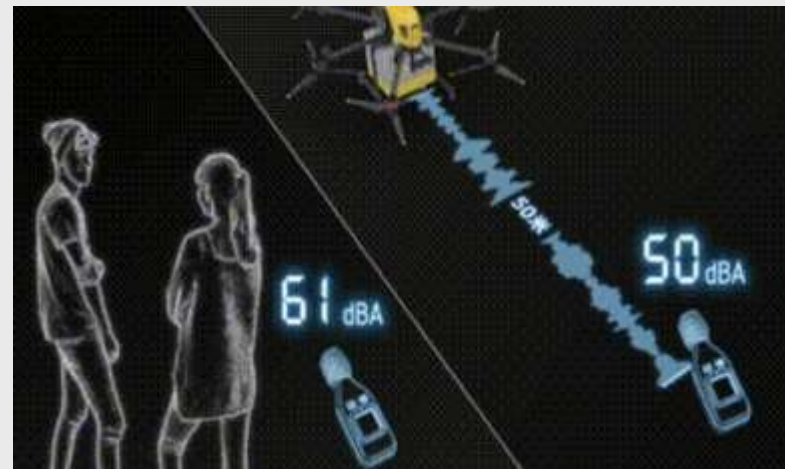
Advanced Flight Management System



Visual Positioning System



Parachute for reducing ground risk



Lower noise for better user experience

Drones Are Adding Values to Diverse Delivery Scenarios



Meituan's Order Nationwide: **78 M/day**

Meituan's Order in Shenzhen: **2 M/day**

Drone Delivery Takes: **~0.15 % of all orders**

Hangzhou Covid-19 Delivery Program **7000+** orders
750k+ test samples

Regular Medical Delivery **3000+** test samples per month



Thank you

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