

# EHang – Enabling Safe, Autonomous, Eco-friendly Air Mobility

April 2024



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# EHang in Numbers

The world's leading Urban Air Mobility (UAM) technology platform company

*Enabling safe, autonomous and eco-friendly air mobility for everyone*

2014

Company  
founded

1<sup>st</sup>

Autonomous  
eVTOL launched in  
2016

1<sup>st</sup>

Publicly traded  
UAM technology  
company

1<sup>st</sup>

Pilotless eVTOL TC,  
PC and standard  
AC from CAAC



~47,000

Safe, autonomous  
trial and demo  
flights<sup>1)</sup>

64.1%

Gross margin  
of FY2023

700+

Issued and  
pending patents in  
China<sup>2)</sup>

52.9%

R&D employees<sup>3)</sup>

1) Cumulative data as of March 31, 2024, including the flight records of EH184, EH116, and EH216 series in 15 countries across Asia, Europe and Americas

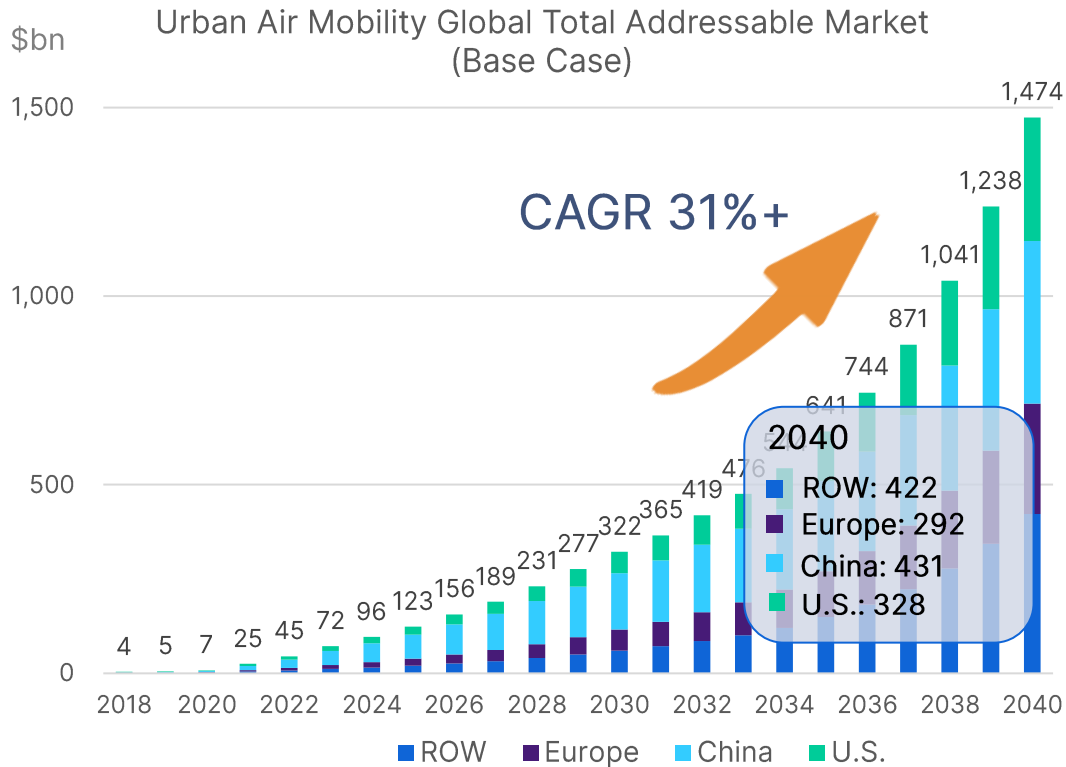
2) Cumulative data as of March 31, 2024

3) As of December 31, 2023

# Massive Unlocked UAM Market Potential

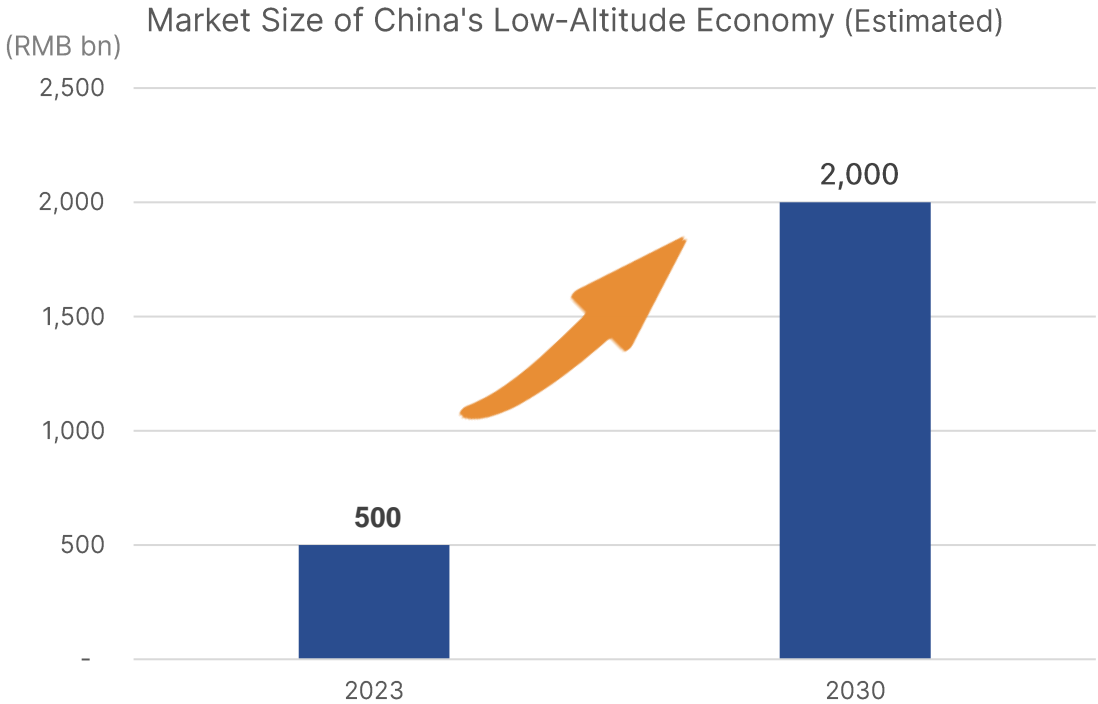
Total Addressable Market: US\$1tn by 2040, US\$9tn by 2050<sup>1)</sup>

China is estimated to be the **world's largest regional UAM market**, accounting for nearly **30%** of the global UAM market.



1) Source: Morgan Stanley Research Reports titled "eVTOL/Urban Air Mobility TAM Update: A Slow Take-Off, But Sky's the Limit" dated May 6, 2021, and "Flying Cars: Investment Implications of Autonomous Urban Air Mobility" dated December 2, 2018.

The market size of China's low-altitude economy surpassed **RMB500 billion** in 2023 and is expected to reach **RMB2 trillion** by 2030.<sup>2)</sup>



2) Source: Xinhua News article titled "The market size of China's low-altitude economy surpassed RMB500 billion in 2023", dated February 28, 2024.

# EH216-S: Pilotless Passenger-Carrying eVTOL for Intra-City Air Mobility



**6.05m**  
Aircraft length

**5.73m**  
Aircraft width

**1.93m**  
Aircraft height

**90km/h**  
Maximum normal  
cruising speed

**130km/h**  
Maximum design speed

**30km**  
Flight range

**620kg**  
Maximum take-off weight

**25min**  
Flight time



# EH216-L: Aerial Logistics eVTOL



5.61m	5.61m	2.25m
Aircraft length	Aircraft width	Aircraft height
130km/h	35km	250kg
Maximum flight speed	Designed flight range	Maximum payload
		21min
		Design flight time

# EH216-F: High-Rise Firefighting eVTOL



7.33m	5.61m	2.22m
Aircraft length	Aircraft width	Aircraft height
130km/h	35km	100L
Maximum flight speed	Designed flight range	Capacity of onboard fire extinguishing solvent
		21min
		Designed flight time

# VT-30: Pilotless Long-Range Passenger-Carrying eVTOL for Inter-city Air Mobility



**7.0m**  
Aircraft length

**12.5m**  
Aircraft width / wingspan

**2.4m**  
Aircraft height

**300km**  
Design flight range

**100min**  
Design flight time

# Technology Advantages to Ensure Safety and Efficiency



## Electric Vertical Takeoff and Landing

- Green energy and zero carbon emissions
- No need for large airports or runways



## Full Redundancy Design with Backup System

- Redundancy extends across propulsion, sensors, flight controls, and communication systems
- Avoid any single point failure



## Autonomous Flying

- Pre-determined flight routes
- Flight safety ensured by electric fence
- Eliminates pilot costs



## Fleet Management

- On-the-ground command-and-control systems
- Monitoring, warning, route planning, fleet management, remote control for emergencies



# EH216-S Secured the World's First TC, PC and Standard AC of Pilotless Passenger-Carrying eVTOL



TC

## Type Certificate

Certificate for the type design of EH216-S



PC

## Production Certificate

Certificate for the manufacturing process and quality management system of EH216-S, enabling mass production



AC

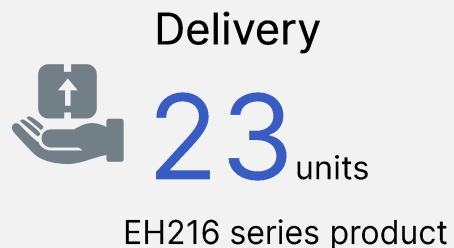
## Airworthiness Certificate

Certificate for individual aircraft of EH216-S for commercial operations



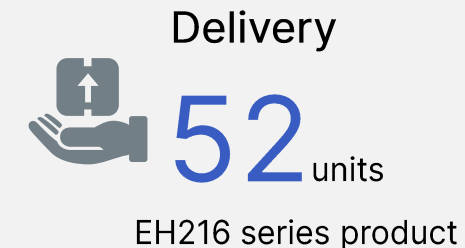
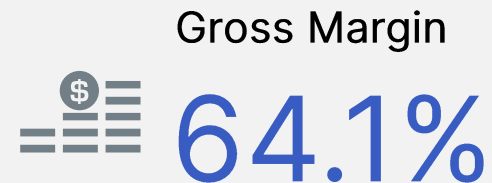
## Strong Quarterly and Yearly Revenue Growth

### ➤ For the Fourth Quarter of 2023



Achieved Positive Operating Cash Flow in Q4 2023

### ➤ For the FY2023



# Urban Air Mobility Use Cases – Passenger Transportation

Aerial Tourism



Airport Air Shuttle



Intra-city Air Taxi



Emergency Use





# Urban Air Mobility Use Cases – Aerial Logistics

Logistics Transportation at Mountains and Remote Aeras



Short-Haul Intra-City Logistics Transportation



Long-Haul Inter-City Logistics Transportation



# Yunfu Production Facility

- ~24,000 sq.m in gross floor area in Yunfu City, Guangdong Province, China
- Planned initial annual capacity of 600 units of EHang eVTOLs
- In-house production processes include manufacturing key components, carbon fiber composite airframes, aircraft assembling and flight testing
- Since 2017, our quality management system has been certified by AS9100, a quality standard widely recognized in the global aerospace industry.
- EHang secured the Production Certificate ("PC") issued by the CAAC for EH216-S.





# China Favorable Policies and Regulations Supporting UAM / Low-Altitude Economy

## National Policies

Dec 2023  
Escalated low-altitude economy to be a strategic emerging industry

2023 Central Economic Work Conference

Mar 2024  
Highlighted low-altitude economy as a new growth engine

2024 National Government Work Report

Apr 2024  
By 2030, the low-altitude economy is projected to surpass a trillion RMB

*Implementation Plan for Innovative Application of General Aviation Equipment (2024-2030)*

## Regulations

Effective from Jan 2024  
The first special administrative regulation of UAVs

*Interim Measures for the Flight Management of UAVs*

Dec 2023  
Reform of China's Low-altitude Airspace Management

*National Airspace Classification*

Effective from Jan 2024  
Regulation of certification, operator, operation of UAVs

*Safety Management Rules for Operation of UAVs*

## Local Government Policies

Approximately 20 provinces across the country have prioritized the development of the low-altitude economy in 2024, leading to implementation of favorable policies and regulations, attractive funding and subsidies, infrastructure supports and suitable sites for eVTOL operations, and paving the way for establishing a sustainable low-altitude ecosystem.



# EHang Pioneers China UAM Operations in Shenzhen



## *“Measures to Promote the High-Quality Development of Low-Altitude Economy in Shenzhen”*

By 2025, Shenzhen plans to establish over 600 landing platforms for low-altitude aerial vehicles and set up more than 220 flight routes within Shenzhen\*



- July 2023: strategic partnership with Bao'an District Government of Shenzhen
- February 2024: strategic partnership with the Bureau of Culture, Radio, Television, Tourism and Sports of Luohu District, Shenzhen



Shenzhen Boling has purchased 5 units of EH216-S from EHang, and plans to purchase additional 95 units for future use in Shenzhen



*(UAM Operation Demonstration Center at OH Bay, Bao'an District)*



*(Layout design of Luohu District UAM Operation Center)*

\* Source: Xinhua News

# EHang Pioneers China UAM Operations in Guangzhou



*"The Detailed Rules for Implementation of Measures to Promote the High-Quality Development of the Low-Altitude Economy in Guangzhou Development District (Huangpu District)"*

With subsidies up to RMB 30 million for eligible low-altitude industrial projects



The EH216-S was deployed in Jiulong Lake Park, and more operation sites and flight routes for aerial sightseeing and logistics in planning



Guangzhou development district low-altitude industry fund with the target fund size of RMB 10 billion was set up by Guangzhou Development District Communications Investment Group Co., Ltd. and Guangzhou Industrial Investment Capital



*(EH216-S conducted demo flights at Jiulong Lake Park)*



*(Planning map of the Sino-Singapore Guangzhou Knowledge City, where Jiulong Lake Park locates)*

# Strategic Partnership with GAC Group, GADD, Huangpu GDD



(601238.SH, 02238.HK)



(Nasdaq: EH)

- Airspace management
- Infrastructure development
- Policy support

- Extensive expertise in smart manufacturing
- Well-structured industrial chain
- To accelerate the production, adoption and market expansion for eHang's passenger UAVs

- Expertise in developing and integrating passenger UAVs
- To support the development of GAC Group's flying cars

Guangzhou government and enterprises' strategic cooperation  
in the trillion-dollar low-altitude economy sector



# EHang Pioneers China UAM Operations in Hefei



*“The Action Plan for Low-Altitude Economic Development of Hefei (2023-2025) with 20 guidelines”*

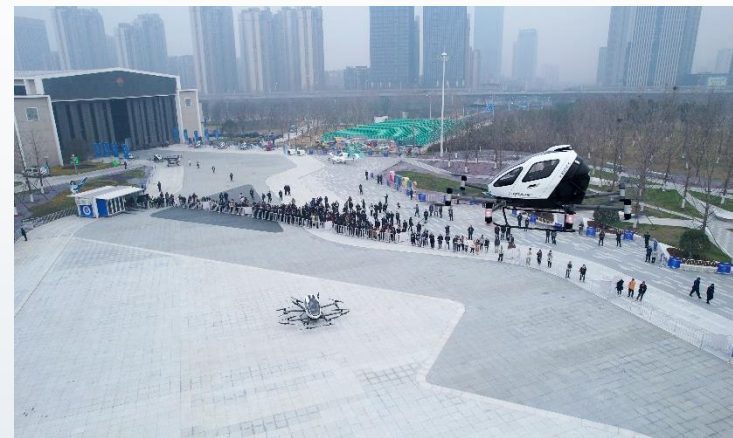
Proposed to build a low-altitude economy cluster, a testing and airworthiness certification base, a flight service and management platform, and set up commercial flight routes for aerial tourism and logistics, etc.



In October 2023, EHang entered into a strategic cooperation agreement with the Hefei Municipal Government for joint development of a low-altitude economy ecosystem in Hefei.



The Hefei Municipal Government plans to extend support to EHang in various forms with a target amount of US\$100 million. The support will be provided either through the coordination or facilitation of purchase orders for a minimum of 100 units of EH216 series products, and/or by providing financing support \*



*(EH216-S conducted demo flights at Luogang Central Park in Hefei)*



*(Luogang Central Park, the world's largest city central park, 12.7 square kilometers, 300,000 daily visitors during holidays)*

\* The specific timing, amount and type of support will be subject to additional definitive agreement.

# EHang Pioneers China UAM Operations in Wuxi



In March 2024, EHang cooperated with the local government in Wuxi for UAM.



EHang received indicative purchase orders for 100 units of EH216-S.



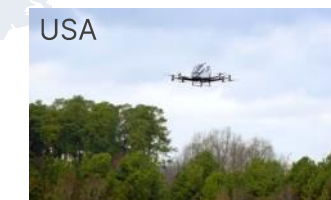
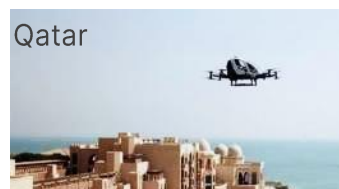
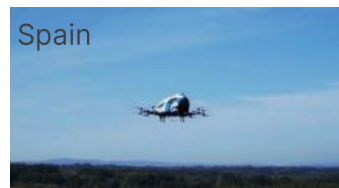
The local governments will provide comprehensive support for EHang's future eVTOL operations in Wuxi for various use cases including passenger transportation, aerial sightseeing, firefighting and emergency.



*(The Ancient Grand Canal Tourism Resort Area in Wuxi)*

# Worldwide Footprint with Leading Safe Flight Records in eVTOL Industry

~47,000 demo and trial flights in 15 countries across Asia, Europe, Americas\*



\*Data as of March 31, 2024, including the flight records of EH184, EH116, and EH216 series.



# Expansion in UAE: SAVI Cluster Member and Partnership with Wings Logistics Hub\*

\* Wings Logistics Hub is a passenger eVTOLs (smart mobility) and logistics technology company, an affiliate of EIH Ethmar International Holding.

EHANG | 亿航

Wings<sup>®</sup>  
LOGISTICS HUB

EIH  
Ethmar International Holding  
إثمار الدولية القابضة



EHang has become a member of the Smart and Autonomous Vehicle Industries (SAVI) Cluster in Abu Dhabi.



A long-term strategic partnership has been formed with Wings Logistics Hub, with the aim to collaboratively advance the development of urban air transportation and smart city management in the UAE and the Middle East and North Africa region.



Wings Logistics Hub intends to order up to 100 units of the EH216 series eVTOLs from EHang.

# EHang Investment Highlights



1

Lead in UAM/Low-Altitude Economy, a Strategic Emerging Industry at a Pivot Point with Massive and Fast-Growing Market Potential and Favorable Policies

2

The World's First Pilotless Passenger-Carrying eVTOL TC, PC and Standard AC

3

Global Market Leader and First Mover of Commercialization Ahead of Peers for Years

4

Affordable, Efficient and Clean Air Mobility Solutions Enabled by Unique Technologies and Products

5

Compelling Business Model with High Growth Potential and Gross Margin



# *Fly into the Future*

[www.ehang.com](http://www.ehang.com)

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