Press release

DHL launches its first regular fully-automated and intelligent urban drone delivery service

- **DHL Express and Ehang entered into a strategic partnership in China to realize a major innovation in smart logistics**
- **Solution includes fully autonomous loading and offloading and will increase efficiency and cost-effectiveness with less energy consumption**
- **The companies plan to further develop and upgrade smart drone delivery solutions for last mile delivery**

Bonn/Guangzhou (China), 16 May 2019 – DHL Express, the world's leading international express delivery service provider, and the world's leading intelligent autonomous aerial vehicle company EHang have entered into a strategic partnership to jointly launch a fully automated and intelligent smart drone delivery solution to tackle the last-mile delivery challenges in the urban areas of China. The launch ceremony was held today at the EHang Command and Control Center in Guangzhou, with the attendance of senior executives from both companies. This cutting-edge solution takes its inaugural flight for a DHL customer, making DHL the first international express company to provide such a service in China. It marks a new milestone in both companies' continuous efforts to bring innovative and intelligent solutions with greater automation to the market.

"We are delighted to be partnering with EHang to set a new innovation milestone with this new fully-automated and intelligent drone logistics solution, which combines the strength of the world's largest international express company together with one of the leading UAV companies in the world," said Wu Dongming, CEO, DHL Express China. "This is an exciting time for the logistics sector, with continued growth of the Chinese economy and cross-border trade, particularly in South China and the Greater Bay Area, which is home to an increasing number of SMEs and startups. This means there is a tremendous volume of logistics needs, which in turn creates new opportunities for implementing innovative solutions that can continuously drive growth with greater efficiency, sustainability and less cost."

The new customized route, which has been exclusively created for a DHL customer, covers a distance of approximately eight kilometers between the customer premises and the DHL service center in Liaobu, Dongguan, Guangdong Province,. Using the most advanced Unmanned Aerial Vehicle (UAV) in EHang's newly-launched Falcon series, featuring the highest level of intelligence, automation, safety and reliability, the new intelligent drone delivery solution overcomes the complex road conditions and traffic congestion common to urban areas. It

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reduces one-way delivery time from 40 minutes to only eight minutes and can save costs of up to 80% per delivery, with reduced energy consumption and carbon footprint compared with road transportation.

Mr. Hu Huazhi, Founder & CEO of EHang, said, “Together with DHL we are very glad to bring the first smart drone delivery service route to China in Guangzhou; this marks a new beginning in building air logistics for smart cities. Riding on today’s launch, we expect smart drone delivery as an innovative logistics solution to be expanded and realized in more areas, and we look forward to working with DHL in building the eco-system for a multi-dimensional urban air transport system.”

The EHang Falcon smart drone, with eight propellers on four arms, is designed with multiple redundant systems for full backup, and smart and secure flight control modules. Its high-performance features include vertical take-off and landing, high accuracy GPS and visual identification, smart flight path planning, fully-automated flight and real-time network connection and scheduling. As a fully-automated and intelligent solution, the drones, which can carry up to 5kg of cargo per flight, take off and land atop intelligent cabinets that were specifically developed for the fully autonomous loading and offloading of the shipment. The intelligent cabinets seamlessly connect with automated processes including sorting, scanning and storage of express mail, and will feature high-tech functions such as facial recognition and ID scanning.

This smart drone delivery solution will enhance DHL’s delivery capabilities and create a new customer experience in the logistics sector that opens up even more opportunities for sustainable growth and greater economic contribution. Given the growing prominence of B2C business operations and delivery in China, employing drones in express delivery services offers an innovative solution for meeting the increasing demands for time-sensitive delivery, particularly for last mile delivery in urban areas.

Building on the launch of its first fully automated, intelligent drone delivery solution in China, DHL will continue to identify new routes that can be developed for clients in need of tailored customer services and logistics solutions and will work closely with EHang to create a second generation of drones in the near future that will further improve capacity and range in drone-operated express delivery.

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You can find the press release for download as well as further information on dpdhl.com/pressreleases

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DHL – The logistics company for the world

DHL is the leading global brand in the logistics industry. Our DHL family of divisions offer an unrivalled portfolio of logistics services ranging from national and international parcel delivery, e-commerce shipping and fulfillment solutions, international express, road, air and ocean transport to industrial supply chain management. With about 380,000 employees in more than 220 countries and territories worldwide, DHL connects people and businesses securely and reliably, enabling global trade flows. With specialized solutions for growth markets and industries including technology, life sciences and healthcare, energy, automotive and retail, a proven commitment to corporate responsibility and an unrivalled presence in developing markets, DHL is decisively positioned as “The logistics company for the world”.

DHL is part of Deutsche Post DHL Group. The Group generated revenues of more than 61 billion euros in 2018.

EHang
Established in 2014, EHang is an intelligent autonomous aerial vehicle company with integrated capacities of R&D, manufacturing, sales and services, headquartering in Guangzhou, China. EHang is awarded by the international business magazine Fast Company as one of the “Most Innovative Companies” and ranked into the top 3 companies across the world’s UAV industry. With the mission of “let humankind fly freely like a bird”, EHang provides customers from various industries with user-friendly, safe, intelligent and efficient autonomous aerial vehicles (AAV) and various solutions, including urban air mobility solutions, smart city management solutions, aerial media solutions, and other commercial solutions.
As the forerunner of cutting-edge UAV technologies and application models in the global civil drone industry, EHang consistently explores the boundaries of the sky to make the flight benefit our better life in the smart city.