

Press Release MWC 2024

## Telefónica Tech and EHang partner to boost Urban Air Mobility



Alfredo Serret, Global Head of IoT at Telefónica Tech, and Victoria Jing Xiang, EHang's COO for Europe and Latam

- Both companies join forces to combine Telefónica Tech's connectivity with EHang's technological capabilities in the Urban Air Mobility sector and deploy innovative aerial mobility solutions with drones in Europe and Latin America.

**Madrid, 14 February 2024.** [Telefónica Tech](#) today announces its alliance with EHang, the world's leading technology company for Electric Vertical Take-off and Landing Vehicles (eVTOL) for the transport of passengers and cargo without a pilot on board, with the aim of boosting Urban Air Mobility, deploying smart aerial solutions and driving the growing Low-altitude Economy in Europe and Latin America.

Within the framework of this alliance, which both companies will present on [26 February in the Agora of the Telefónica stand at the Mobile World Congress \(MWC\)](#), EHang has chosen Telefónica Tech's connectivity capabilities (5G and private networks) to enhance the security and efficiency of this type of mobility in both regions, and to continue expanding and exporting its smart solutions with unmanned aerial vehicles.

Both companies intend to implement use cases in Europe and Latin America around Air Mobility, Smart City Management and Aerial Media solutions in areas as diverse as

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passenger transport, logistics, health services, emergency response and Smart Cities management.

Telefónica and EHang will also collaborate on 'Drone Light Shows' with swarms of drones to digitalise and increase the sustainability of large-scale shows and events.

Connectivity plays a key role in the development and integration of Urban Air Mobility. 5G mobile networks have the capacity to guarantee reliable communications, low latency and high data transmission capacity. These characteristics make it possible to optimise the real-time control and monitoring of aircraft by sending telemetry or multimedia data to both ground control systems and centralised public information systems for immediate processing and management. Similarly, 5G helps to ensure the continuity of UAV operation by preventing potential interference and providing security through the encryption of SIM cards in UAVs.

In addition to these attributes, in the case of private mobile networks, the level of privacy and security of the information obtained by the drone is enhanced by preventing data traffic from being shared outside the customer's premises and can also provide coverage in isolated and remote areas.

In this sense, the two companies have set out to develop connectivity solutions based on mobile networks for the safe and efficient integration of drones and eVTOL aircraft with digital unmanned air traffic management systems (UTM and U-Space).

To articulate this collaboration, both companies rely on Telefónica Tech's [TheThinX](#) laboratory, considered one of the most advanced and best equipped IoT environments in the world, and EHang's Urban Air Mobility Centre in Europe, located in Spain, a pioneering centre in Advanced Air Mobility and intermodal transport.

Victoria Jing Xiang, EHang's COO for Europe and Latam, said: "We are delighted to join forces with Telefónica Tech to jointly deploy Urban Air Mobility and the low altitude economy in Europe and Latin America. Telefónica Tech's capabilities and expertise in connectivity and the internet of things will enable EHang to deploy its solutions efficiently and securely, allowing millions of people to benefit from its applications in their daily lives".

Alfredo Serret, Global Head of IoT at Telefónica Tech, said: "The partnership with EHang means being part of a pioneering project for the air mobility of the future. The fact that EHang relies on our connectivity to develop the sector in Europe and Latin America confirms the strong positioning of our service in both markets, and means combining capabilities to enable connected, safe, efficient and green air mobility for all".

**Para más información:** [Telefónica en el MWC 2024](#)

**Telefónica, S.A.**

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## About Telefónica Tech

Telefónica Tech is the leading company in digital transformation. The company offers a wide range of services and integrated technological solutions for Cyber Security, Cloud, IoT, Big Data and Blockchain. For more information, please visit: <https://telefonicatech.com/>

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