**Lotus Robotics and CaoCao Mobility launch autonomous driving platform for robotaxis**

* CaoCao Mobility has launched a new autonomous driving platform for ride-hailing, which will be powered by Lotus Robotics’ end-to-end intelligent driving solutions.
* The technology is being piloted in Suzhou and Hangzhou in China today.
* Lotus Robotics technology is being rolled out globally, with the company introducing new features including its high navigation precision software in Europe in Q4 2025.

**LONDON, UK – 10 March 2025**

Lotus Robotics, the self-driving technology unit of Lotus, has today announced a partnership with CaoCao Mobility, the ride-hailing unit strategically invested in by Geely Holding that will accelerate the deployment of its autonomous driving solutions globally.

Together, the brands have launched China’s first fully comprehensive autonomous driving system, powered by Lotus Robotics. This features full-customised car, full-unmanned autonomous driving and fully automated operations.

Both companies have successful completed a pilot programme across Suzhou and Hangzhou in China, with the self-driving technology achieving 13,545 km of driving in test areas without human intervention - proving the real-world safety and reliability of Lotus Robotics software and services.

Lotus Robotics and CaoCao Mobility will continue operating across both cities in China, as it looks to refine the vehicle-road-cloud integration model, blending vehicle intelligence with infrastructure to address persistent challenges including unexpected pedestrian crossings.

The announcement comes on the heels of Lotus Robotics’ partnership with Aramco Digital, the digital and technology subsidiary of Saudi Aramco. Both companies are exploring implementing Robotaxis in the Middle East.

Today’s news marks a major milestone for Lotus Robotics’ growth, as the company continues to scale globally, and deliver a full stack of autonomous software and services for businesses wanting to deploy self-driving technology in their operations safely, securely and efficiently.

Lotus Robotics offerings include:

* **ROBO Soul:** full self-driving software stack, which can be integrated into any vehicle, in any environment. The company currently offers an end-to-end solution and can provide up to level 4 autonomy, which means the vehicle can perform driving tasks such as parking and highway driving, under specific circumstances, with human override as an available option. Components of this technology are currently being employed in Lotus’ next generation electric vehicles, its hyper-SUV, Eletre, and hyper-GT, Emeya\*.
* **ROBO Galaxy:** a range of cloud-based tools that underpins ROBO Soul. It enables businesses to manage and analyse data, in order to increase efficiency and accessibility of their autonomous fleets. Lotus Robotics collects data from multiple sources such as sensors, road information and algorithms, so ROBO Soul can continue to learn and improve its self-driving capabilities throughout its testing and development phases.
* **ROBO Matrix:** It uses real-time monitoring to provide drivers with improved remote safety including guidance, control, and parallel driving solutions through analysing real-time data. It also deploys AI to continually learn from its environment and improve the safety and accuracy of its self-driving.

The company’s latest advancements to its self-driving technology include:

* Urban road navigation without the reliance of maps, otherwise known as ‘Navigate on Autopilot’ (NOA). This delivers seamless transitions between highways and urban roads, smart lane changes, intersection U-turns, and detouring.
* High navigation precision that can effortlessly achieve variable lane driving, seamless transitions between highways and city roads, U-turns at intersections, intelligent lane selection, and smart obstacle avoidance, among other functions.

This technology is currently deployed in China today, with global market rollout expected to take place in Q4 2025. The level of autonomy offered in each region is subject to market-specific regulation.

Lotus Robotics currently works with multiple leading global automotive brands to enable them to reap the benefits of self-driving technology including Lynk & Co, Farizon Auto, and more.

To scale its offering and deliver to customers around the world, the company has tapped into Amazon Web Services (AWS). It stores and analyses the data collected across its product portfolio on AWS, and adheres to all regulations in each market it operates in.

CaoCao Mobility’s services is available in over in 57 cities across China, and serves over 35,000 businesses, and seven million professionals – making the trusted choice of corporate travel.

**ENDS**

**Note to editors**

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**About Lotus**

Lotus is a global performance brand built on solid foundations and a rich heritage. Since the formation of Lotus in 1948, it has been pioneering true automotive innovation, introducing cutting-edge technologies and designs to meet its uncompromising vision of how a car should look, perform and feel. Lotus Group is made up of a high-performance sports car business, Lotus Cars, and an all-electric luxury mobility provider, Lotus Technology. Together, we are setting a new standard for automotive excellence.

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