

Press release

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Parking China 2023 returns in August to empower the Chinese parking industry

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Parking China 2023 will return to the Shanghai New International Expo Centre (SNIEC) from 29 to 31 August 2023, running under the themes of “Empowering the Chinese parking ecosystem” and “Creating a better future with low-carbon smart parking”. This year’s fair will feature two new special zones, namely “New energy dual carbon” and “Internet of Vehicles and future travel”, to support industry players in their efforts to upgrade the entire supply chain and seize business opportunities. The show’s booth reservation is currently open.

The new energy sector, as a core contributor to environmental protection, has been booming in recent years, led by an explosive increase in sales of new energy vehicles. According to figures released by the Ministry of Public Security of China¹, the country’s car ownership has surpassed 319 million vehicles, including 13.1 million new energy vehicles, with a year-on-year growth of 67.13%.

To meet the increasing demand for electric vehicle charging, many car parks in China are speeding up the building and upgrading of charging facilities. The China Electric Vehicle Charging Infrastructure Promotion Alliance revealed earlier this year that the country built nearly 2.6 million new charging stations in 2022², for a total of 5.21 million units, and a year-on-year increase of 99.1%³. The alliance also expected that with the continuous increase in the number of electric vehicles, the amount of charging facilities will continue to maintain steady growth across the country. It is estimated that the number will reach close to 9.6 million by end of 2023, an 84% increase compared to the previous year⁴.

Meanwhile, with the rapid development of various technologies including

¹ “China’s New Energy Vehicle ownership hits 13.1 million, showing explosive growth”, Xinhua Net, 11 January 2023, <https://qr.messefrankfurt.com/Kea57> (Retrieved 29 March 2023)

² “The China Electric Vehicle Charging Infrastructure Promotion Alliance sees the rapid growth of EV charging in the country”, ecns.cn, 12 January 2023, <https://qr.messefrankfurt.com/nc53a> (Retrieved 29 March 2023)

³ “The number of public charging infrastructure in China is rapidly increasing”, escn.com.cn, 28 March 2023, <https://qr.messefrankfurt.com/47e7f> (Retrieved 29 March 2023)

⁴ “The China Electric Vehicle Charging Infrastructure Promotion Alliance sees the rapid growth of EV charging in the country”, ecns.cn, 12 January 2023, <https://qr.messefrankfurt.com/nc53a> (Retrieved 29 March 2023)

5G, the Internet of Things (IoT) and digitalisation, the automotive industry has entered an era of intelligent connectivity. Intelligent vehicles are able to communicate with drivers, other vehicles, roads and cloud servers. As one of the key industries for supporting future mobility, the parking sector will seize these significant opportunities, to further promote innovation, and to achieve high-quality development.

New specialised zones for smart parking

This year's fair will set up new product displays to highlight the latest market trends. The "New energy dual carbon" area will explore a series of battery charging and swapping technologies, such as fast charging and battery lifetime extension. Elsewhere, the "Internet of Vehicles and future travel" is set to showcase solutions to tackle various pain points and challenges, including locating vehicles in car parks. Showcases will include smart parking location systems and automatic parking.

The fair will also display numerous innovative solutions and parking-related products, including:

- City-level smart parking platforms, parking big data, artificial intelligence, autonomous driving, positioning and navigation solutions
- Intelligent parking systems, licence plate recognition systems, access control systems, magnetic parking sensors, parking guidance systems, intelligent bill & payment systems, intelligent car location systems, ETC parking technology and parking locks
- Intelligent bill & payment systems for on-street parking, top-view parking cameras, video piles, road inspection vehicles
- Charging pile equipment and accessories, charging facility construction and operation solutions
- Mechanical parking systems & components, parking robots
- New energy vehicle service operators, Internet of Vehicles solutions
- Car park support facilities and products
- Parking service applications, new media solutions for car parks, environmental design in parking facilities

Diverse online and offline events encourage efficient exchanges

During the three-day fair, numerous influential industry players, experts, and government representatives will attend concurrent forums. They will share their thoughts on trending topics such as city-level smart parking, the upgrade and development of new energy battery charging and swapping technologies, and new challenges in intelligent connectivity. In addition, professionals from testing institutions will answer questions on battery charging and swapping facility standards.

Parking China has become rooted in the parking industry over many years and has maintained close connections with leading companies, authorities, and experts. The fair strives to promote communication and cooperation between the supply and demand sides, helping industry players to understand the emerging markets. For example, last year, the show lined up with the Shanghai Parking Service Industry Association, and the Hangzhou City Administration Bureau held a number of activities

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in a "conference with product showcases" mode, which received positive feedback from both exhibitors and audiences.

At the same time, the fair actively enhances industry interaction through online and offline events. The fair has introduced an online programme called "Wisdom – Smart Parking revolutionises transportation", which explores the latest information, policies and hot issues for the parking industry. Physical events have also been successfully held in several cities for industry players to exchange knowledge.

Concurrent fairs generate more business opportunities

The fair organisers are keen to promote industry resource integration, facilitate technical communication, and foster win-win cooperation. Therefore, Parking China is integrating parking with various fields such as 5G, IoT, artificial intelligence (AI), big data, cloud computing, smart communities, and smart cities. A series of concurrent fairs, including Shanghai Intelligent Building Technology, Shanghai Smart Home Technology, and the Shanghai Smart Office Technology zone, will once again be held in coordination with Parking China to create business synergies and form a one-stop sourcing platform for smart building technologies.

Over the years, the fairs have attracted a variety of different professional buyers and visitors, with the target audience including:

- Government bodies, trading companies, parking associations, government car parks management
- Real estate developers and investors
- Property management companies, house owners' committees and car park operators
- Urban planning, static traffic, architectural design institutes, scientific research institutes
- Owners of hotels, hospitals, schools and industrial parks
- Intelligent system integrators and contractors
- Smart parking system users, buyers and suppliers
- Automotive manufacturers, payment service providers and communication network operators
- Dealers, distributors and agents

For information about booth reservation, please visit <https://parking-china.hk.messefrankfurt.com/shanghai/en/planning-preparation/exhibitors.html>

For the latest updates about the fair, please visit www.smartparkingchina.com, follow us on WeChat at 'ParkingChina_MF' or send an email to parking@china.messefrankfurt.com.

To find out more about Shanghai Intelligent Building Technology, Shanghai Smart Home Technology and the Shanghai Smart Office Technology zone, please visit www.building.messefrankfurt.com.cn.

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portfolio. For more information on Building Technologies worldwide, please visit <https://building-technologies.messefrankfurt.com>.

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Background information on Messe Frankfurt

The Messe Frankfurt Group is one of the world's leading trade fair, congress and event organisers with their own exhibition grounds. With a workforce of some 2,200* people at its headquarters in Frankfurt am Main and in 28 subsidiaries, it organises events around the world. Group sales in financial year 2022 were around €450 million*. We serve our customers' business interests efficiently within the framework of our Fairs & Events, Locations and Services business fields. One of Messe Frankfurt's key strengths is its powerful and closely knit global sales network, which covers around 180 countries in all regions of the world. Our comprehensive range of services – both onsite and online – ensures that customers worldwide enjoy consistently high quality and flexibility when planning, organising and running their events. We are using our digital expertise to develop new business models. The wide range of services includes renting exhibition grounds, trade fair construction and marketing, personnel and food services. Sustainability is a central pillar of our corporate strategy. Here, we strike a healthy balance between ecological and economic interests, social responsibility and diversity. For more information, please visit our website at: www.messefrankfurt.com/sustainability. With its headquarters in Frankfurt am Main, the company is owned by the City of Frankfurt (60 percent) and the State of Hesse (40 percent). For more information, please visit our website at: www.messefrankfurt.com

* Preliminary figures for 2022

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