



PRESS KIT

Auto Shanghai 2025

Smarter, safer, brighter: Shaping China's
future mobility

APRIL 23 - MAY 2

Booth 2BC008 - Hall 2.2H

National Exhibition and Convention Center (NECC)

No. 333 Songze Avenue, Shanghai

Valeo

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Valeo **at the heart** of China's automotive revolution

The automotive industry is undergoing unprecedented change. At the forefront is China, the driving force behind the transition to electric, connected and personalised mobility.

In China, sales of electric vehicles are expected to exceed those of combustion models by 2025. This is a historic shift, commensurate with the technological and environmental challenges that are reshaping the future of mobility.

A key player in China's automotive industry

Valeo first entered the Chinese market in 1994 and has since experienced significant growth, now operating 27 production units and 13 state-of-the-art R&D centers in the country. The company employs over 18,000 people in China, including an impressive 4,500 engineers focused on innovation and technology development.

Over the past three decades, Valeo has played a crucial role in the rapid expansion of China's automotive industry. Today, China is Valeo's largest single market worldwide, accounting for 17% of the Group's global sales. By partnering with both established automotive giants and ambitious new entrants, Valeo reported that Chinese automakers represented 60% of its orders in China in 2024.

Valeo is unveiling its latest innovations in three strategic areas

Valeo will participate in the 21st Shanghai International Automobile Exhibition from April 23 to May 2, 2025. The company will showcase its cutting-edge solutions, which are set to shape the future of mobility.

Smart electrification: From inductive charging to thermal management of batteries, including optimization of propulsion and thermal comfort on board, Valeo presents its hardware and software solutions designed to improve the range and comfort of electric and hybrid vehicles to maximize energy efficiency while reducing the carbon footprint of mobility.

Advanced Driving Assistance Systems (ADAS) and user experience: Valeo is pushing the boundaries of driver assistance thanks to its new-generation sensors, powerful computing units, embedded intelligence algorithms and expertise in software integration. The Group actively supports the rise of software-defined vehicles (SDV), where safety, agility and customization are combined with ever-increasing autonomy.

Lighting and styling: Whether for exterior lighting or dynamic ambient lighting, Valeo technologies offer a safer, but also differentiating driving experience. The fusion of innovation and design expression.

Aftermarket service: Valeo is accelerating the sustainable transformation of mobility by focusing on the circular economy, eco-responsible innovation and upskilling of professionals.

Do not miss our **press events**

April 24

12:00pm-12:30pm: **Press conference**

With: Christophe Perillat, CEO of Valeo, Song Zhou, Valeo China President, and Jianmin Gu, Valeo China CTO

Location: Booth 2BC008 - Hall 2.2H

12:30pm-1:00pm: **Tour of the booth**

1:00-1:20pm: **Media Q&A session**

With: Song Zhou, Valeo China President, and Jianmin Gu, Valeo China CTO

Location: Booth 2BC008 - Hall 2.2H

April 23-27

10:00am-6:00pm: **Demo Cars**

Experience Valeo's latest innovations with our exclusive demo cars:



Augmented Panovision Car: Discover Valeo's revolutionary infotainment and navigation combination that provides occupants with an immersive travel experience, while improving safety.



Valeo Racer Car: Test on the road the first automotive extended reality (XR) video game combining live video and real time perception from the vehicle's existing ADAS sensors, developed in partnership with Unity.



Smart Safety 360 Car: Try out Valeo's best-in-class driver assistance system in this price range, which offers a wide range of safety features, driving and parking assistance functions, and integrating a new Navigate on Autopilot (NOA) function providing supervised automation from on- to off-ramp on highways and urban express roads.



L2++ Car: Discover how Valeo merged ADAS and intelligent In-Vehicle Infotainment (IVI) to support L2++ intelligent driving capabilities, such as automatic parking and highway/urban area driving assistance.



Phone-as-a-Key Car: Experience Valeo's innovative solution that provides secure and convenient access without the need for a physical key. Unlock and start the vehicle seamlessly using Ultra WideBand technology for secure hands-free access, Life Presence Detection, and kick sensing to open the trunk.

Location: Primus Hotel Shanghai Hongqiao, No.100 Lane 1588 Zhuguang Road Xujing Zhen **(for access: see "Press Information")**

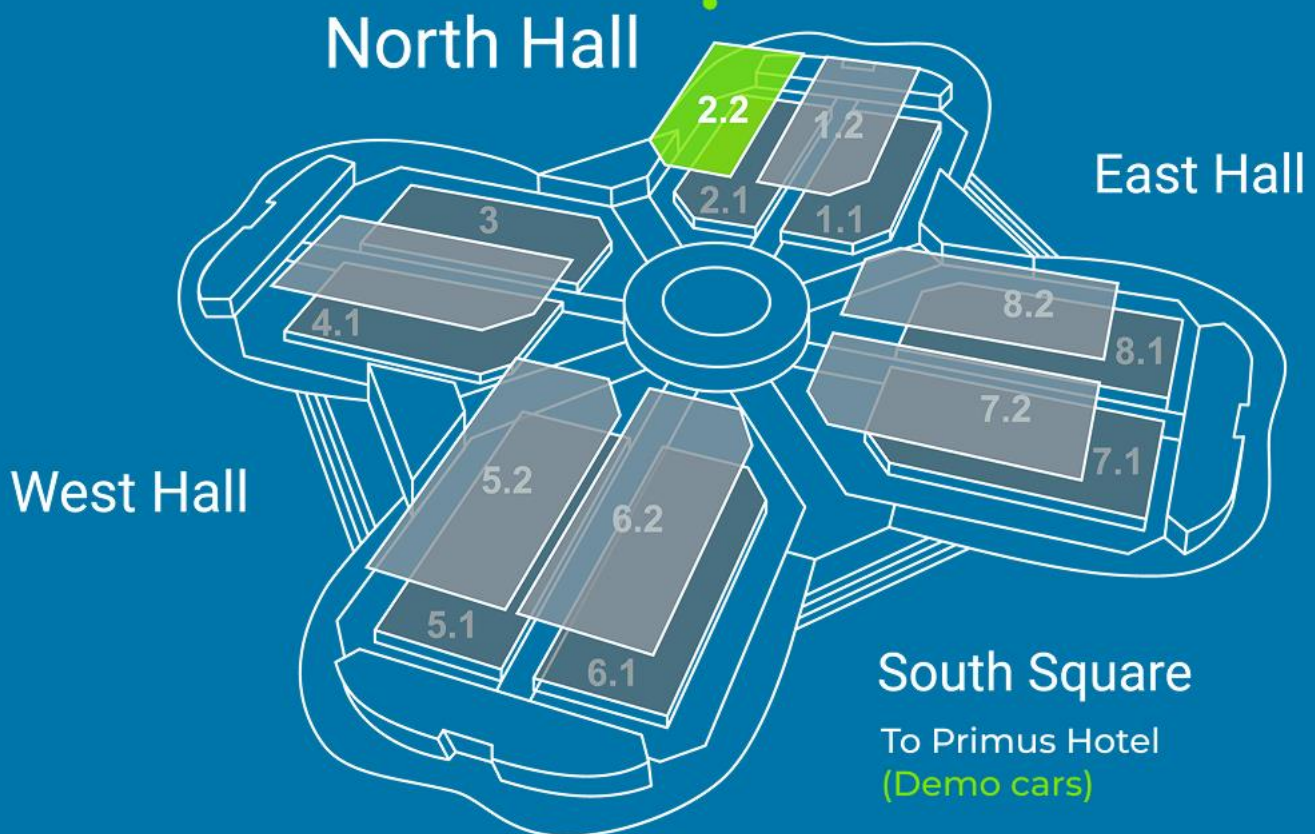
VENUE

Where can you find us at Auto Shanghai 2025?

Booth 2BC008 - Hall 2.2H

National Exhibition and Convention Center (NECC)

No. 333 Songze Avenue, Shanghai



“China is one of the most important markets for Valeo”

Jianmin Gu
Valeo China CTO



The Chinese automotive market is fiercely competitive, with fast product iteration, and higher requirements for technology partners in terms of speed, quality, and cost. How does Valeo cope with these pressures?

Valeo has unique strengths to adapt to the fast-paced and fiercely competitive Chinese market. With over 30 years of deep roots in China, we have become a crucial partner for major OEMs and the automotive innovation ecosystem. Throughout our three decades in China, we have adhered to the principle of "Be Chinese in China", enabling us to actively participate in and lead the development of China's automotive industry. Last year, Valeo achieved sales of 28.6 billion RMB in China, with over 60% of orders coming from domestic customers, including both traditional automakers and new-energy vehicle brands.

Furthermore, as a global auto tech giant with a century-long history, Valeo possesses significant advantages in supply chain management and large-scale production. We operate 27 manufacturing sites in China, and our Shenzhen plant was recognized as a "Global Lighthouse" by the World Economic Forum (WEF) this year, exemplifying our continuously enhanced smart manufacturing capabilities.

Finally, we firmly believe that innovation is the most sustainable way to reduce costs, improve efficiency, and maintain

differentiation. In China, we have 13 R&D centers with over 4,500 engineers, and all our core technology platforms have achieved localized development. Additionally, Valeo embraces open innovation, collaborating with automakers, tech companies, universities — such as Shanghai Jiao Tong University and Huazhong University of Science and Technology — and external institutions to foster joint innovation. This integrated approach enables us to respond swiftly to market demands.

The pace of electrification in China continues to advance, with the penetration rate of electric vehicles gradually increasing and related infrastructure such as charging rapidly becoming popular. What solutions and technological reserves does Valeo have in the field of electrification?

As a global leader in electrification, Valeo offers technologies that meet the needs of all hybrid and electric vehicles, including hardware and software solutions for powertrains and thermal management, as well as diverse innovative mobility solutions such as two-, three-, or four-wheel electric vehicles, charging stations, and software solutions for predicting and managing EV range.

Valeo provides both low-voltage and high-voltage electrification solutions. Within high-voltage electrification, our portfolio covers technologies tailored for pure electric vehicles (BEVs), plug-in hybrids (PHEVs), and extended-range electric vehicles (EREVs). These solutions include electric motors, inverters, transmissions with torque and vibration damping solutions (for hybrid systems), gearboxes (equivalent to traditional

automotive transmissions), on-board chargers, and converters. For instance, Valeo is the market leader in China's hybrid transmission sector.

By strengthening our research and development capabilities, we have achieved the transformation from “Made in China” to “Invent with China”.

Beyond powertrains, thermal management is critical to EV performance. As a global leader in thermal systems, Valeo combines proven hardware with advanced software to enhance efficiency. We are mass-producing smart heat pumps for multiple Chinese OEMs, including for the AITO M5 EV and Chery Exeed. For battery thermal management, Valeo has introduced an intelligent immersed battery cooling system.

Facing the new trends in the automotive industry, what strategic adjustments do companies like Valeo need to make to adapt to the changes, especially in the fields of electrification and intelligent driving? What specific plans or initiatives does Valeo have to maintain its market-leading position?

Since 2010, Valeo has clearly stated its focus on electrification and the development of autonomous driving. In 2022, Valeo Group released a five-year MOVE UP strategy, and

now we have achieved our strategic goals, leading the world in electrification, intelligent driving, software defined vehicles, and visibility systems.

In China, Valeo is committed to providing customers with innovative technologies that meet market demands. By strengthening our research and development capabilities, we have achieved the transformation from "Made in China" to "Invent with China". Leveraging the fiercely competitive Chinese market as a “fitness center”, we become faster, higher, and stronger here, maintaining our leading position in the market and bringing more innovative technologies and processes to support our clients worldwide.

What changes do you anticipate in the automotive industry by 2025, especially regarding EV adoption, ADAS advancements, and market concentration?

The Chinese automotive market will keep growing and remain the world's largest single country market. There are some obvious trends in the Chinese automotive market, including the increasing competitiveness of Chinese brands, continued growth of new energy vehicles' sales, especially hybrid and EREV models, the increasing popularity of Advanced Driving Assistance Systems and infotainment in 2025, and the growing demand for more style and personalization options.

China is also one of the most important markets for Valeo. In China, Valeo will continue to deepen its localization strategy and increase investment in the areas where Valeo is a world leader.

KEY FIGURES

The Chinese Automotive Industry

In 2024, China consolidated its position as the world leader in the automotive industry, with remarkable figures that illustrate the dynamism and scale of this key sector.

The world's largest automotive market

In 2024, China's automotive industry produced

29.8

MILLION VEHICLES¹



€ 1,289
BILLION

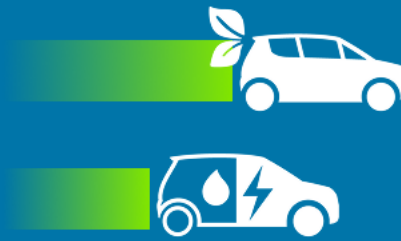
Automotive industry
estimated turnover³

1/3

of all vehicles
produced
worldwide¹

At the forefront of the New Energy Vehicles revolution

12.866
MILLION
UNITS
New Energy
Vehicles (NEVs) sold²



BEVs sales
accounted for

60%² ↘

PHEVs sales
accounted for

40%² ↗

The country has a significant growth potential

353 **MILLION**
VEHICLES

are registered in China in 2024⁵



Estimated
Motorization rate

251

VEHICLES PER 1,000
PEOPLE

(659 VEHICLES IN EUROPE IN 2022)⁴



China's overseas auto sales are booming



≈6
MILLION
UNITS
Total
export volume²

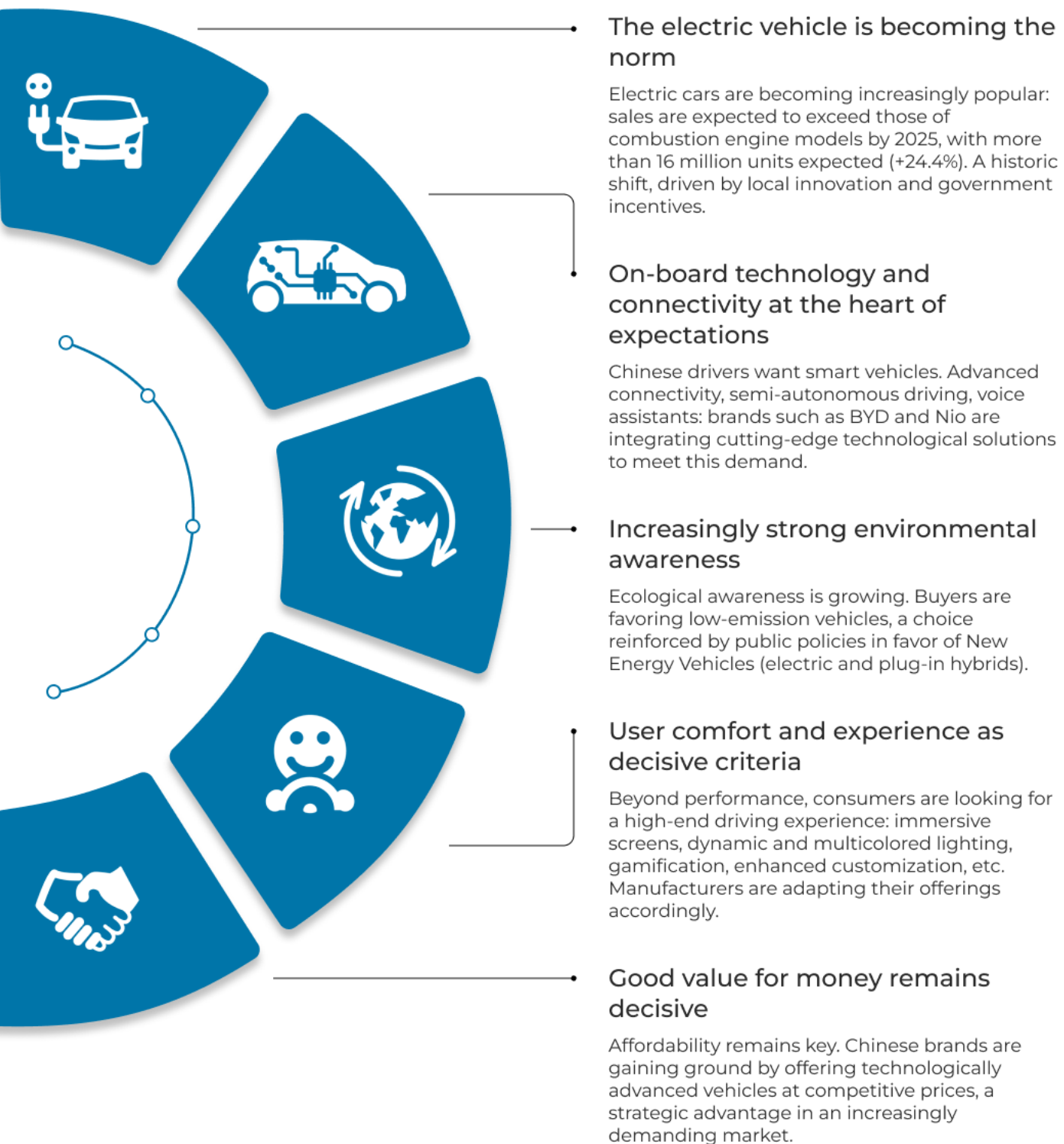
BEVs
export
volume:
987,000
units²



PHEVs
export
volume:
297,000
units²

1. Source: S&P
2. Source: China Association of Automobile Manufacturers (CAAM)
3. Source: Team France Export
4. Source: European Automobile Manufacturers Association
5. Source: Statista

Five key trends in China's automotive industry





Valeo develops hardware and software solutions to enhance electric vehicles and hybrid ranges, improve onboard comfort, and reduce CO₂ emissions.

Extending autonomy and optimizing energy efficiency

In the world's largest automotive market, the shift to electrification is accelerating, along with a growing focus on autonomy and energy efficiency. Valeo is meeting these challenges with innovative solutions: powertrain technologies and smart thermal management to extend the range, lightweight components and ultra-fast and wireless charging — all supporting more efficient, durable, and sustainable mobility.

Electric propulsion: Valeo offers a complete portfolio of optimized solutions

Valeo is bringing cutting-edge solutions to the table to help OEMs strike the perfect balance between performance and energy consumption for the electrified vehicles. The goal: stretch every charge further, without compromising on comfort and reliability:

- **All-in-one smart heat pump module** – an ultra-efficient solution that delivers long-term energy savings thanks to full heat recovery with best cost and compact design.
- **Dual-layer HVAC systems** – intelligently control the mix of fresh and recirculated air to reduce energy use without sacrificing comfort.
- **Refrigerant cooler plate** – optimizes battery temperature, even when the vehicle is stationary and fast charging, ensuring best performance at optimum cooling system cost.
- **Electric compressor** – essential for high-performance thermal control in electric vehicles.
- **Front cooling module** – designed to optimize airflow, packaging and efficiency of electrified powertrain, comfort and battery thermal management.
- **High-efficiency dual inverter systems** – compact solution to deliver efficient and smart electrification controlling two electric motors with a single electronic unit.
- **Software solutions** – essential to optimize the performance of the various systems.

Extended-range electric vehicle: The best of both worlds in electric mobility

China is already the world leader of electrification with the New Energy Vehicles concept that include battery electric vehicles (BEV) and plug-in hybrids (PHEV). As electric mobility continues to grow, a technology is emerging as the perfect compromise between performance, range and sustainability: the **extended-range electric vehicle**, or **EREV**. Very popular in China, this concept appeals with its clear promise: to offer the benefits of electric driving without the range or charging constraints.

At its core, the EREV runs primarily on electric power, offering a smooth, silent, and zero-emission ride. When the battery runs low, a compact internal combustion engine automatically kicks in — but not to drive the wheels. It's coupled with an electric motor, acting as a generator, recharging the battery and significantly extending range without the hassle of searching for a charging station. Coupled with Valeo software solutions to optimize both the battery and use of the generator, the EREV tackles one of the most common hesitations around EV adoption: range anxiety. Drivers can

confidently venture beyond the battery's limits — without the stress of hunting for a charger mid-journey.

NOT-TO-BE
MISSED

Valeo unveils its new **Dual Inverter**, designed to control both the main electric motor and the generator. By sharing key components like the control board and microcontroller, it delivers a more compact, cost-effective solution, building on Valeo's extensive production experience.



Smart electrification: Redefining EV charging

Charging the battery is at the heart of any electric vehicle experience—and it all starts with the On-Board Charger (OBC). Acting as a bridge between the power grid and the car, the OBC converts alternating current (AC) from a socket or charging station into direct current (DC) that the battery can store and use.

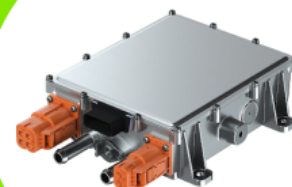
Valeo's new **Gen 2.7 On-Board Charger and DC-DC Converter Combo** takes this crucial component to the next level, setting a new benchmark for efficiency, compactness, and scalability.

- Despite its small footprint—the smallest on the market—the Gen 2.7 On-Board Charger and DC-DC Converter Combo houses a powerful 6.6 kW charger alongside a 3 kW DC-DC converter. This integration of two critical components into a single, streamlined unit not only maximizes space efficiency but also simplifies installation for automakers, particularly in today's increasingly complex “X-in-1” system architectures.
- Valeo's Gen 2.7 On-Board Charger and DC-DC Converter Combo isn't just about charging faster or smarter—it's about redefining how EVs interact with the world. Equipped with Vehicle-to-Grid (V2G) and Vehicle-to-Load (V2L) capabilities, it allows EV owners to transform their cars into mobile energy hubs, capable of feeding power back into the grid or powering external devices wherever they are.

By combining cutting-edge efficiency, an ultra-compact design, and future-proof features, Valeo helps automakers and drivers alike embrace the next generation of electric mobility—starting with the world's largest EV market: China.

NOT-TO-BE
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Valeo unveils its market-leading compact, cost-competitive **Gen 2.7 On Board Charger**, building upon the proven Gen 2.5, meeting diverse EV needs with a power density of 2.5kW/L.



Triple wet clutch technology: Compact power for the next generation of hybrids

As electrification evolves, the need for compact, high-performance transmissions becomes more critical — especially for hybrid architectures. Valeo's **triple wet clutch system** delivers just that: a smart, multi-clutch solution that boosts efficiency without compromising driving comfort.

Valeo introduces a breakthrough in hybrid transmission systems: the only design on the market integrating the K0 disconnect clutch directly into the double wet clutch piston. This 3-in-1 configuration delivers a compact, cost-effective, and CO₂-efficient hybridization solution — ideal for today's electrification challenges.

In a market hungry for solutions that blend innovation, sustainability, and performance, Valeo's Triple Wet Clutch Transmission stands out — and sets a new benchmark for the future of hybrid mobility.

NOT-TO-BE
MISSED

Valeo unveils its unique **3-in-1 triple clutch** design with K0 disconnect clutch integrated into the double wet clutch piston type.



Smart thermal management systems: Valeo boosts the range of electric vehicles

How to extend the range of electric vehicles? Valeo solutions combine intelligent software and innovative hardware solutions to optimize both thermal management and charging time, and extend battery life and range, without sacrificing on-board comfort.

Valeo Predict4Range: An on-board thermal brain

Valeo's **Predict4Range** software anticipates energy requirements and controls the most efficient thermal strategies in real time. The achievements:

- Up to 24% more range in cold climates
- Fewer, faster charges — equating to an average annual saving of 300 kWh
- Preheated battery for optimized regenerative braking
- Maintained cabin comfort without excess consumption

The system relies on real-time data for predictive and ultra-precise thermal management

- Outdoor temperature
- Wind speed
- Topography of the route
- Mapping of charging stations

- Vehicle-specific parameters

This software solution is compatible with any vehicle equipped with a heat pump, facilitating its large-scale deployment on all types of electrified vehicles.

NOT-TO-BE
MISSED

Valeo presents its **Predict4Range** software for intelligent thermal management, which optimizes Battery Electric Vehicles thermal strategies to extend driving range.



Thermal Comfort Index : For more efficient electromobility

Valeo Thermal Comfort Index dynamically adjusts thermal settings from the HVAC and activates additional comfort solutions, such as heated seats or heated surfaces, to meet individual needs. It is based on a detection of each occupants thermal needs to personalize the cabin thermal comfort.

NOT-TO-BE
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Valeo showcase its **Thermal Comfort Index software**, for more efficient, more sustainable... and always comfortable electromobility



Electric vehicle charging: Valeo powers up speed, keeps safety and performance

Ultra-fast charging: Optimizing the cooling of high-power charging stations

Accelerating the charging of electric vehicles without compromising safety or performance: this is the challenge that Valeo has taken up with its **DC Cooling System for High Power Charging Station** (power greater than 350 kW).

Rapid charging generates significant heat in the cables and gun. To maintain optimal performance, precise thermal management is essential. Valeo's system efficiently dissipates this heat thanks to a cooling capacity of more than 4 kW, guaranteeing fast, safe and reliable charging cycles.

Designed to optimize the location of charging stations, Valeo's solution is ultra-compact, enabling denser charging infrastructures. Its all-in-one electronics and silent operation (only 65 dB(A)) make it an ideal solution for urban environments and high-traffic stations.

PREMIERE
IN CHINA

For the first time on the Chinese market, Valeo is presenting its **DC cooling system for high-power charging stations**, a key innovation to support the growth of electric mobility on a large scale.



Wireless charging: Driving the future of e-mobility

With Valeo **Ineez™ Air Charging**, Valeo offers an induction charging solution that challenges current standards. Designed to meet the expectations of the Chinese market — at the forefront of the electric revolution — this contactless, ultra-light and universal technology promises a simplified charging experience.

Valeo Ineez™ Air Charging is compatible, scalable, and universal — designed to seamlessly integrate with a wide range of vehicles, infrastructures, and energy networks:

- All car models (400-800V batteries)
- All networks: wall boxes and networks (1 or 3 phases), in all countries
- All installations: public, private and residential parking lots
- Integrated Vehicle-to-Grid (V2G) function for targeted power levels (7-11 kW)

Valeo Ineez™ Air Charging is designed to support the growth of smart, bidirectional charging, and already anticipates the arrival of autonomous vehicles, capable of coming to be charged by induction on their own.

Valeo has secured its lead with more than 25 patents covering the entire technology: electronics, software, and mechatronics.

PREMIERE
IN CHINA

Valeo unveils **Ineez™ Air Charging**, its lightweight and easy-to-integrate 85 kHz wireless charging solution for plug-in hybrids and BEVs, delivering up to 11kW charging capacity, and including V2G feature - a turning point for consumer electrification.



Lightweight solutions to accelerate decarbonization: Valeo relies on composites for cleaner mobility

Reducing the weight of vehicles means directly reducing their emissions. Beyond electrification, lightweighting is an essential lever for more sustainable mobility. Valeo innovates with Valeo **Organosheet**, a new-generation composite material — a thermoplastic reinforced with a glass fibers fabric — designed to combine performance, safety and lightness.

A high-performance material for the car of tomorrow

Valeo Organosheet combines long glass fibers and a thermoplastic matrix, offering high mechanical strength, great flexibility and reduced weight. This unique combination makes it a viable replacement for metal in many automotive applications — such as bolsters, front bumper beams, battery side reinforcement, LiDAR or lighting supports.

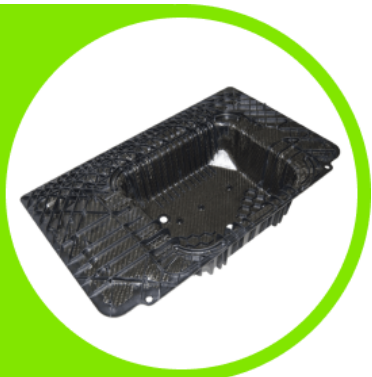
Already in production, already proven

Since 2020, Valeo has been mass-producing a 48V battery support housing made of Organosheet:

- 40% lighter than an equivalent metal based solution
- High rigidity and excellent crash resistance
- Enhanced improved energy efficiency thanks to thermal insulation properties
- 50% less carbon intensive versus aluminium

**NOT-TO-BE
MISSED**

Valeo showcases its exclusive **Organosheet battery casing**, a PHEV battery in thermoplastic composite for lightweighting and reinforced mechanical and thermal battery protection.





Valeo is driving the future of mobility with advanced sensors, intelligent software, and powerful computing, supporting the rise of software-defined vehicles.

For safer and smarter mobility

From ultra-precise LiDAR perception to intelligent cleaning systems and immersive extended reality experiences, Valeo is shaping the next generation of mobility. Its innovations not only enhance the safety and reliability of autonomous driving but also unlock new possibilities for in-car interaction. By combining high-performance hardware with AI-driven software, Valeo delivers smarter, more sustainable, and more engaging solutions — driving the evolution of vehicles from simple modes of transport into connected, intelligent and personalized experiences.

LiDAR technology: See the invisible, anticipate, and protect

LiDAR technology has become a cornerstone of advanced driver assistance systems and autonomous driving. Thanks to its ability to accurately detect the environment, even in complex weather or lighting conditions, it enables safer, smarter and more autonomous mobility.

Valeo SCALA™ 3: Valeo's 3rd generation LiDAR

Valeo's flagship product, Valeo SCALA™ 3, offers an ultra-precise 3D view of the vehicle's environment thanks to a high performance, point cloud range-resolution point cloud. Its characteristics are impressive:

- Range up to 300 meters
- Detection of objects with low reflectivity at a distance of 200 meters (10% reflectivity)
- Ultra-fine resolution: 0.05° both horizontally and vertically
- Reliable perception, whatever the visibility conditions

A key technology for ADAS and autonomous driving

Valeo integrates its LiDAR into systems ranging from advanced driver assistance (L2+/L3) to fully autonomous vehicles (L4). Beyond detection, its perception software based on artificial intelligence makes it possible to track, classify and interpret each object identified in the point cloud — with unique precision in detecting pedestrians, a Valeo exclusive. Valeo is the only company that has validated its perception for L3 operation in North America, Europe, and Asia, working with three major OEMs.

NOT-TO-BE MISSED

Valeo is offering visitors the chance to experience an immersive demonstration of its **LiDAR** perception software. A dive into the vision of the autonomous vehicle, where every detail counts - even those that the human eye cannot see.



Autonomous driving: Valeo keeps sensors clean for consistently reliable ADAS functions

Clear vision is essential for autonomous driving. To guarantee the reliability of ADAS and autonomous driving (L2+ to L4), Valeo is developing cleaning systems for all types of sensors, but also **LiDAR Cleaning**, the first cleaning system entirely dedicated to LiDAR sensors.

Operational, whatever the conditions

LiDAR Cleaning keeps stable performance at speeds up to 130 km/h. It has an integrated style cap (on nozzle) or a retractable trapdoor. Optional defrosting is available from start-up at -20°C in 3 minutes and 40 seconds. The system is also engineered for pedestrian protection. Rain, snow, mud, dust... LiDAR Cleaning ensures optimal sensor visibility even in the most demanding environments.

A complete, modular and future-proof range

LiDAR Cleaning is part of a range of Valeo solutions that combine:

- High-performance pumps, ECUs, solenoid valves, precision nozzles
- Blowers and combined fluid + air purification solutions
- LIN communication for intelligent and efficient control

Light, affordable, and efficient

Valeo is constantly working to reduce weight and fluid consumption, while improving cleaning efficiency. A key asset for the industrialization of autonomous driving on a large scale.

WORLD PREMIERE

Valeo presents the first **LiDAR cleaning system** integrated on a level 3 vehicle. A concrete demonstration of its know-how in the service of the reliability of autonomous vehicles.



Valeo transforms in-car entertainment with a unique XR experience

With **Valeo Racer**, Valeo is paving the way for a new type of in-car entertainment using augmented reality. Passengers can play in real time on their smartphone or tablet, directly connected to the vehicle's Wi-Fi, in a world where the real environment of the journey becomes the setting for the game.

An XR innovation that uses the vehicle's sensors

Unlike conventional mobile games, Valeo Racer uses the existing ADAS sensors of the vehicle, and on-board artificial intelligence perception algorithms, to integrate the road, bends, real obstacles, etc. directly into the gameplay, thanks to **Unity's Runtime**.

Unity's Runtime is a proprietary component of the game engine that handles numerous critical components: rendering high-performance graphics, managing user input and interactions, coordinating game components, supporting real-time physics simulation, animation, scripting languages, asset management, and networking – all on the end device.

The result is an immersive and dynamic experience, perfectly synchronized with the movement of the vehicle.

An XR kit designed for developers and manufacturers

This demonstration illustrates the full potential of Valeo's XR software development kit. It enables video game developers and car manufacturers alike to design applications that combine physical reality and the 3D universe inside the vehicle.



Valeo turns the windshield into an intelligent display

With **Valeo Panovision**, Valeo is revolutionizing in-vehicle display by transforming the windshield into an immersive interactive screen designed to enhance safety and improve the driving experience, without being intrusive.

Augmented head-up display, optimized vision

Valeo Panovision projects floating information in augmented reality directly into the driver's field of vision, avoiding any distraction associated with conventional screens. Combined with Valeo's

Augmented Reality Head-up display, this system allows intuitive and instantaneous reading of essential data (navigation, alerts, driving aids, etc.).

A sleek cockpit, invisible technology

The screens disappear from the dashboard to make way for a clear and minimalist visual experience. The windshield, treated with an innovative reflective film, is combined with locally dimmable backlighting for optimized contrast and reduced energy consumption — without compromising on brightness.

Full compatibility and approved design

Valeo Panovision is compatible with polarized sunglasses and complies with all regulations relating to windshields and field of vision, guaranteeing seamless integration into production vehicles.

NOT-TO-BE
MISSED

Valeo showcases **Valeo Panovision**, its next-gen augmented in-vehicle display, through a dual demo: **on the booth** in an immersive demonstration module, and **onboard the Augmented Panovision Car**, for a real-world driving experience.





With its innovative lighting solutions, Valeo pushes the boundaries of front and rear signaling by combining aesthetics, customization and intelligent functions — a breakthrough that redefines the role of lights in vehicle-environment interaction.

Taking safety and personalization to the next level

From expressive lighting to seamlessly integrated sensors, Valeo is shaping the future of mobility. At the crossroads of safety, personalization, and design, the Group is unveiling a new generation of intelligent technologies — on display, on board, and in motion. Whether it's transforming the windshield into an augmented reality display, turning headlights into projectors, or making rear lights communicate with their environment, Valeo's innovations are redefining the relationship between drivers, vehicles, and their surroundings.

Design, safety and customization: The front of vehicles is undergoing a revolution in lighting

Front lighting on vehicles is becoming much more than a simple functional element: it is a real lever for differentiation, safety and brand identity. Valeo is establishing itself as a key player in this transformation, equipping the most innovative models and enabling OEMs to differentiate in an increasingly competitive market.

Lynk & Co Z10: a world first in series production

The front of the **Lynk & Co Z10** features 224 RGB LEDs, a world first on a production vehicle:

- 256 colors for extensive customization and a strong visual signature
- Clean horizontal design, emphasized by vertical light guides linked to the windshield pillars
- Ultra-thin (15 mm) Valeo ThinBilite headlamps for performance and compactness

Zeekr 7X: a highly expressive front end

The **Zeekr 7X** takes the experience even further with more than 1,700 LEDs on the front end:

- Customizable lighting effects, especially during welcome phases
- Illuminated logo and continuous horizontal line of light connecting the two headlights
- 15 mm x 200 mm ADB (Adaptive Driving Beam) dual-function adaptive headlamps, also in the Valeo ThinBilite range

Between technology and emotion

With these solutions, Valeo is redefining the codes of automotive lighting: a new way of communicating and seducing from the very first glance at the vehicle, while ensuring safety of drivers and road users.

NOT-TO-BE MISSED

Valeo is exhibiting the front lighting systems of the **Lynk & Co Z10** and the **Zeekr 7x**.



Smart rear lights: When design merges communication and safety

Style, customization and safety come together at the rear of the **Audi A6 e-tron**. Equipped with the latest generation of **OLED 2.0** lights developed by Valeo. This electric sedan illustrates how technology transforms signaling into a visual and functional experience.

A customizable and premium light signature

The rear lights of the Audi A6 e-tron incorporate 10 OLED 2.0 digital panels, each consisting of 45 individually controllable segments:

- A very high level of light homogeneity, a guarantee of perceived quality
- Up to 8 customizable light signatures, allowing the driver to assert his or her style

Active safety: lights become signals

Thanks to the precision of OLED 2.0 technology, these lights do more than just illuminate: they communicate with the environment. Coupled with detection systems and Valeo software, they can display specific warning symbols for other road users.

Technology for safer and more expressive mobility

With this solution, Valeo pushes the boundaries of rear signaling by combining aesthetics, customization and intelligent functions — a breakthrough that redefines the role of lights in vehicle-environment interaction.

NOT-TO-BE MISSED

Valeo exhibits the rear lighting system of the **Audi A6 e-tron** as well as an **OLED mockup** to demonstrate its technology's capabilities through various effects and customization.



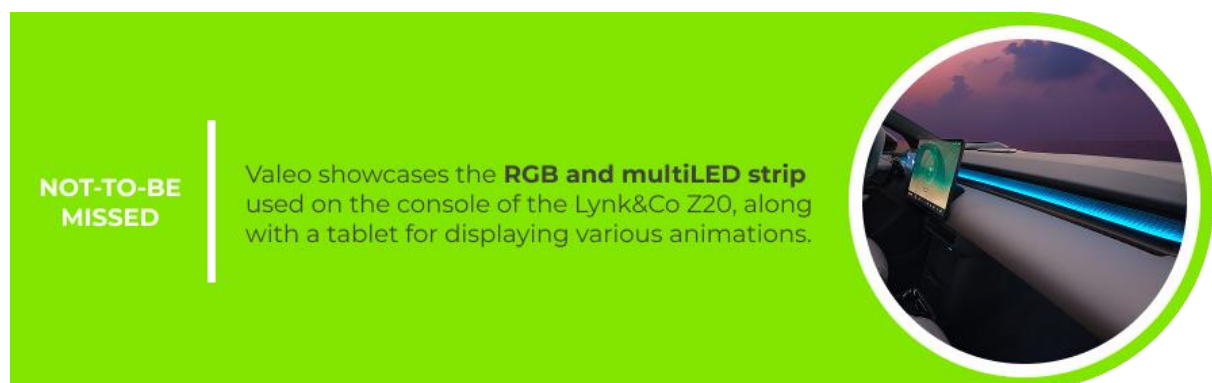
Interior lighting: An increasingly personalized experience

For Chinese consumers, in the current use of the car, interior lighting can play all the roles that lighting plays at home. Consumers expect as many lighting effects as possible: not only multiple colors, but also dynamic effects and customization.

Step into the future: Lynk & Co Z20's dazzling interior experience

In the race to redefine the in-car experience, **Lynk & Co Z20** is turning heads — not just for its performance, but for its striking interior innovation. At the heart of the cabin lies the brand's eye-catching "Infinity Light," a full-length RGB multi-LED strip that stretches across the center console, creating the illusion of a glowing tunnel that expands the perception of space.

More than just ambient lighting, it's a sensory statement. With four immersive mood settings — Fireworks, West Coast, Moonlight Love, and Neo City — drivers can transform the interior into a personalized escape, where light and sound work in harmony to set the tone for every journey.



Taking up the challenge of sensor integration

With the proliferation of on-board sensors, manufacturers face a major challenge: integrating these sensitive components behind backlit surfaces — such as a logo or decorative panel — while guaranteeing their precision and functional performance. How can sleek design be reconciled with high technical requirements?

Combining style, performance, and expertise

Valeo designs stylish parts — grilles, logos, inserts — with a premium appearance (opaque, metallic, off-effect), using materials compatible with radar and LiDAR waves. Each part is also geometrically optimized to limit signal attenuation and avoid distortion, guaranteeing uncompromising integration. Thanks to its optical expertise, Valeo develops light guides capable of propagating light while allowing radar waves to pass through. An ideal solution for integrating sensors and lighting functions in the same element, without interference.

A comprehensive and modular offering

Valeo offers a cross-functional solution, compatible with all types of radars, combining exterior design, onboard electronics, and detection technologies. The Group can thus provide a turnkey

solution, ranging from the radar itself to the logo integrating the sensor — a synergy made possible by its unique expertise in sensors and optics.

NOT-TO-BE
MISSED

Valeo demonstrates its system expertise & know-how in **sensors integration** into lighting products.



When the headlamps integrate a projector of moments to be experienced

In China, the car is no longer just a means of transportation: it is becoming a companion for leisure and escape. To meet this expectation, Valeo has supplemented its front lighting system with **Front Lighting Projection**, a video projection solution designed to project images outside the vehicle, on the ground or on a surface, like a TV videoprojector.

Immersive technology for recreational mobility

Based on DMD (Digital Micromirror Device) technology, this innovation transforms the car into a truly nomadic projector.

- 360° video projection, directly integrated into the front lighting system
- Designed to create unique outdoor visual experiences
- Compatible with a variety of uses: open-air cinema, signage, gaming, etc.

Glamping + technology: a winning combination

With its front lighting system, Valeo does more than just light the road: it transforms the vehicle into a truly immersive living space, in line with the expectations of the Chinese market. Combining performance, design and innovation, Front Lighting Projection technology enhances the driving experience, turning the car into a personal, connected space for trendy activities like “glamping,” especially popular in China.

NOT-TO-BE
MISSED

Valeo unveils its immersive **Front Lighting Projection technology** in a video.





Valeo has established a clear roadmap to achieve carbon neutrality by 2050. In line with this approach, Valeo Service is taking concrete actions through its "I Care 4 the Planet" initiative to minimize its environmental footprint.

Valeo commits to greater sustainability

As the automotive industry accelerates its shift towards more sustainable mobility, Valeo is leading the way with concrete actions aimed at reducing environmental impact and preparing the aftermarket sector for the mobility of tomorrow. From promoting the circular economy and pioneering eco-designed products to empowering mechanics through cutting-edge training programs, Valeo is actively shaping a more sustainable and resilient future for the industry.

Promoting the circular economy

The decarbonization of mobility must go hand in hand with greater circularity and the preservation of natural resources. The industry must optimize the consumption of resources, taking into account the increasing scarcity of raw materials. Valeo is committed to circularity and ensures that each technology delivers four fundamental benefits, known as the **4Rs**: robust design, repair, remanufacturing and recycling.

Remanufacturing at the heart of Valeo's strategy

At Valeo, remanufactured products include 80% of reused materials, and the Group keeps developing its portfolio, already one of the largest of the market. With more than 55 million tons of electronic waste generated each year, extending the lifespan of automotive components is becoming a priority.

Valeo has more than 40 years of experience in the reconditioning of mechanical products, and as vehicles embark on more and more electronic and electrical parts, the Group is developing its offer for these products. Valeo's objective is to double annual production of reconditioned parts from 1 million to 2 million by 2030.

Valeo currently remanufactures around 1 million parts per year, including starters and alternators, commercial vehicles clutch kits, A/C compressors, and calipers.

**NOT-TO-BE
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Valeo presents a **remanufactured compressor**, a sustainable alternative that saves 80% of natural resources compared to a new one.



Innovating with eco-design for EV cars in China: Introducing Valeo Canopy™

Valeo has introduced **Canopy™**, a new generation of eco-designed windshield wiper blades that reduce CO₂ emissions compared to traditional models.

More responsible materials

- More than 80% of the rubber blade is made from natural or recycled materials (cane sugar, vegetable oils).
- The metal structure contains up to 15% recycled steel
- Canopy™ is delivered in 100% recyclable cardboard packaging, made with 70% recycled material.

Valeo Canopy™ is establishing itself as a benchmark in eco-design and covers a significant percentage of the Chinese EV fleet (80% coverage of upper-segment EVs).

Offering a 20% improvement in wiper performance over time, Valeo Canopy™ ensures greater durability compared to the market average, resulting in a lower replacement rate and enhanced environmental friendliness.



Upskilling in new technologies with Valeo's Training Program

Currently, a significant share of mechanics do not yet work on electric vehicles, or on vehicles equipped with driver assistance systems. In response to the strong rise of these technologies, Valeo proposes a comprehensive training program in China. In 2024, offline and online Valeo training sessions generated a total of 60,000 visits from mechanics and industry professionals.



Valeo's ambition, as a tech company, is to play a major role in tomorrow's mobility. At the heart of today's environmental and social issues, future mobility must be more sustainable, safer and more diverse. It must also contribute to the well-being and safety of citizens and consumers.

Valeo: At the forefront of innovation

Valeo is a technology company and partner to all automakers and new mobility players worldwide. The company innovates to make mobility safer, smarter and more sustainable. Valeo enjoys technological and industrial leadership in electrification, driving assistance systems, reinvention of the in-car experience and lighting everywhere. These four areas, vital to the transformation of mobility, are the Group's growth drivers.

Valeo Worldwide



€ 21.5 billion
in sales



28
countries



106,100
employees



155
production sites



64
R&D centers



19
distribution platforms

Valeo in China



18,000
employees



27
production sites



13
R&D centers

Innovative solutions to meet new mobility requirements

Valeo is structured with three well-balanced, coherent Divisions — **Valeo Brain**, **Valeo Light** and **Valeo Power** — that offer innovative solutions to meet the major changes in the markets and aims at reducing CO₂ emissions and developing autonomous driving. Valeo enjoys leading positions in its main markets. Valeo also offers solutions for the automotive aftermarket and develops its technologies for non-automotive applications with its **Valeo Service** activity.

BRAIN



Valeo develops products for **Advanced Driver Assistance Systems (ADAS)** and the centralized electric and electronic architectures vital for **Software-Defined Vehicles (SDV)**. With over 9,000 engineers globally, Valeo is also a leader in artificial intelligence, supported by a dedicated research center and more than 200 specialized engineers.

LIGHT



As electric and autonomous vehicles evolve, consumer demand for safety and personalization is growing. Valeo addresses these expectations through **innovative designs in lighting and wiping systems** that improve road safety.

POWER



Valeo offers a wide range of solutions for **both electric and combustion vehicles**. The company specializes in **motorization** and **battery management**, which enhance vehicle performance.

Valeo Service offers **spare parts and services** to car dealerships and the independent spare parts market. The Group is also investigating other related markets such as **small mobility** (2-3-4 wheels), **charging solutions**, and **data center cooling**.

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