



PRESS KIT

Paris Motor Show 2026

Driving Change Together!

OCTOBER 12-18, 2026

Hall 5.3 | Booth 53A51

Paris Expo - Porte de Versailles



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INTRODUCTION

Valeo, a global leader in key technologies in a fast changing automotive world

As the automotive industry undergoes a profound transformation, vehicles are increasingly defined by technology. Drawing on its global industrial footprint and technological leadership in electrification, advanced driver-assistance systems, lighting and software, Valeo is uniquely able to meet the needs of the cars of tomorrow – electrified, safer and featuring a centralized software architecture, and to capture a growing share of the value per vehicle.

The New Automotive Frontier: SDV, AI, Autonomous Driving

Tomorrow's vehicle is no longer defined solely by its mechanical components, but by its embedded intelligence. The massive integration of artificial intelligence and the rise of SDVs (Software-Defined Vehicles) are redefining safety, efficiency, and the driving experience. In an intensely competitive global market, Valeo harnesses its cutting-edge technological expertise to stay ahead of changing mobility needs and reinforce its position as the key technology partner for automakers worldwide.

Valeo embeds AI into the very heart of its operations - from R&D to manufacturing. This agile, large-scale industrial transformation enables the Group to shorten development cycles, optimize costs, and deliver next-generation technologies at the speed demanded by the market.

Tomorrow's Mobility: Connected, Safer, Sustainable

At Paris Motor Show 2026, Valeo will present its innovations designed to turn technological breakthroughs into tangible benefits for drivers and passengers.

From an integrated 800V electric vehicle platform and bidirectional charging to intelligent lighting and windshield cleaning technologies, from AI-powered driving automation and software-defined vehicle experiences to next-generation field-of-vision displays, Valeo will showcase how technology makes mobility safer, smarter, and more intuitive.

For a more sustainable automotive ecosystem, Valeo will also present its solution for repairability, remanufacturing, and circular economy.

Valeo Booth: Hall 5.3 | Booth 53A51
PFA Booth: Hall 5.1

Location: Paris Expo - Porte de Versailles



HIGHLIGHTS

Do not miss our press events

Monday, October 12

PRESS DAY

12:00 – 14:00

 Booth

Press Buffet Lunch

With Valeo speakers

15:45 – 16:00

 Booth

Press Conference

with Christophe Périllat, Valeo CEO

 Booth ► Hall 5.3 | Booth 53A51

Tuesday, October 13

10:15 – 10:35

 Dôme de Paris

Keynote at Paris Automotive Summit

by Christophe Périllat, Valeo CEO

How Valeo is driving the AIDV revolution



Technology is the key differentiator

Christophe Le-Ligné

Group R&D Vice President

Why is Valeo's presence at the Paris Motor Show so important this year?

The Paris Motor Show is a home game for Valeo. It is great to see that motor shows in general are coming back strongly as a platform to expose the dynamism, creativity, and latest technologies of the automotive industry to the world. This year's edition features major global OEMs - from France, Europe, Japan, the USA, and China. Valeo technologies are onboard virtually all their vehicles. It is the perfect opportunity to meet our partners and showcase how our innovations empower their brand differentiation.

What do you see as the main technology trends at the Paris Motor Show this year?

I see three major trends that are transforming the automotive industry, and they are increasingly interconnected:

First, electrification is expanding across the market.

Electrification is now the baseline, but the market is demanding extreme agility. Between the full electric vehicles (BEVs), the mild and full hybrids (MHEVs, HEVs) the plug-in hybrids (PHEVs), and the Range-Extended EVs (REEVs), manufacturers need adaptable powertrain solutions. At Valeo, we support all architectures, from 48V micro-mobility to high-voltage 400V/800V, and we provide the most efficient integrated thermal management solutions.

Second, the Software-Defined Vehicle is changing the way cars are designed and developed.

SDVs are completely reshaping vehicle architectures. By consolidating dozens of standalone ECUs into centralized domain controllers, we drastically reduce physical wiring, weight, and failure points. More

importantly, SDVs decouple hardware from software, enabling seamless over-the-air (OTA) feature activations and cybersecurity updates throughout the vehicle's entire life cycle.

Third, artificial intelligence is accelerating the development of advanced driver assistance and automated driving.

Cars are becoming safer, because they are becoming more intelligent. Looking ahead, while around 50% of cars produced today feature Level 2 autonomy, we predict that **30% of new vehicles by 2030 will reach Level 2++ autonomous capability.**

Generative AI is the missing piece that makes high-level autonomous driving possible. In ADAS, deep learning transitions sensor systems from deterministic rule-based logic to probabilistic scene understanding. It allows a car to interpret complex real-time scenarios, such as predicting whether a pedestrian on a sidewalk intends to cross. This is the cornerstone of our "Zero Accident" vision.

Generative AI is the missing piece that makes high-level autonomous driving possible.

How is 'China Speed' reshaping the automotive industry, and how is Valeo adapting to it?

The speed of innovation has become a true competitive advantage. China is essentially the **fitness center of the automotive industry**, it's where the sector trains to become faster, leaner, and more responsive. Chinese OEMs are compressing vehicle development cycles down to **12–18 months**, compared to the traditional **36–48 months** in Europe. This pace, paired with a strong appetite for consumer-facing technology, is forcing the entire ecosystem to adopt an

innovation fast-track. Valeo has embraced this global standard and acts as a bridge, bringing that agility directly to our international clients.

Is technology becoming a bigger factor in consumers' decisions when buying a car?

Absolutely. In a market where mechanical hardware is standardizing, especially with electrification, **technology is where brands make the difference.**

At Valeo, we do not believe in technology for its own sake. Our primary focus is always safety. As software architectures evolve, automated driving features will scale rapidly and make these safety features accessible to all.

Advanced driver assistance systems, intelligent lighting and new perception technologies are making vehicles increasingly capable of anticipating risks and helping drivers. This is where we see technology making a real difference: not just by adding functions, but by improving the way people experience and interact with their vehicle.

How is Artificial Intelligence transforming Valeo's R&D and manufacturing processes?

AI is not new to Valeo; it has been an operational reality for more than 20 years (in 2004, Valeo launched the first AI-powered Valeo Smart Cam for Nissan, earning a PACE Award in 2005). In R&D, the efficiency gains are massive: currently, **35% of our certified software code was generated by AI.** Through our 200-AI experts, strategic partnerships with Google Cloud (**utilizing Gemini across 7,700 software engineers**), and our AI Innovation Lab, we deploy generative AI and generative design to speed up simulations, lower development costs, and automate repetitive tasks. Across our manufacturing footprint, 50% of our sites already leverage AI for predictive maintenance, quality control, and energy savings.

Software-Defined Vehicles (SDVs) are redefining car architectures. Where does Valeo stand in this revolution?

It is a true revolution as it transforms the vehicle's entire electronic architecture. Today, a car contains around a hundred electronic control units (ECUs) totalizing some 200 million lines of code!

With the SDV, we reduce the number of ECUs to just a small handful. The SDV eliminates

fixed architectures. It will be possible to activate features throughout the vehicle's life cycle and across successive owners, such as navigation on autopilot, or even temporarily activating high-definition anti-glare lighting for a ski vacation. Crucially, with 90% of vehicles projected to be connected to the internet by 2030, continuous cybersecurity updates can be seamlessly deployed over the air.

Valeo: 100 years of Innovation in France

1. A Strong French Industrial & Technological Ecosystem

Rooted in France for over a century, Valeo combines industrial excellence with state-of-the-art innovation. With over **11,000 employees**, **20 production sites**, **9 R&D centers**, and its global headquarters in France, Valeo powers the automotive value chain from the heart of Europe.

- **Industrial Synergy:** Working alongside major European automakers, local suppliers, and leading research institutions, Valeo sustains tens of thousands of direct and indirect jobs across France.
- **Massive investments in our factories in France.**
 - **Angers:** Valeo completed a **€45 million modernization plan** at its Angers facility, establishing it as a European center of excellence for next-generation, high-complexity automotive lighting systems. The Angers plant is scaling up to supply **6 out of 7 major European truck manufacturers** by 2030 with smart, communicative LED matrix lighting systems and ground-projection technologies.
 - **Electrification - Étaples Plant Acceleration:** Under the *Haute Tension* industrial roadmap, the historic Étaples site in Pas-de-Calais has expanded into high-voltage power electronics. The facility has deployed new production lines for 400V and 800V high-power inverters, the "brains" of electric vehicles, and targets an annual capacity of **500,000 units by 2028**. To support this high-voltage manufacturing ramp-up, Valeo is recruiting **60 permanent employees** at Étaples.
 - **Thermal Management Leadership:** battery thermal management systems, and smart cooling systems designed and built in France to extend battery range, increase charging speed, and prolong battery life.
 - **Beyond auto:** Production of sovereign electric motors for drones in Sainte-Florine.

2. Software-Defined Vehicles (SDV) & AI

France stands at the forefront of Valeo's global software strategy. Hundreds of software engineers in French tech hubs develop advanced AI algorithms driving the transition toward Software-Defined Vehicles (SDV) and enhanced road safety. **Valeo anticipated this shift as early as 2017 with the creation of valeo.ai**, its global research center dedicated to artificial intelligence in automotive applications. Today, embedded AI sits directly at the center of Valeo's system engineering strategy.

3. Circular Economy

In line with Valeo's net-zero ambitions, circular economy practices are embedded across French operations:

- **The Nevers Circular Electronics Lab:** Established in **Nevers**, this specialized center of excellence pioneers remanufacturing for advanced vehicle electronics and micro-mobility:
 - **ADAS & Electronics Remanufacturing:** Nevers houses the development and reconditioning of complex electronic components, including the world's first remanufactured windshield-mounted ADAS front cameras (saving up to **99% of natural resources** compared to new ones) and high-value vehicle display screens.
 - **Micro-Mobility Maintenance:** The site actively supports sustainable urban transport by repairing batteries and electronic components for fleet operators such as Smovengo (e.g., Paris's Vélib' fleet). The Valeo Electronic Repair Lab in Nevers collaborates with VoltR in Angers for battery pack remanufacturing, and with Valeo's Czechowice plant in Poland for motor remanufacturing.
- **Lighting Remanufacturing at the Angers Plant:**
 - Following the initial deployments of remanufactured headlamp in Angers, multiple high-volume projects are currently underway with leading automotive OEMs across Europe. These projects aim to scale remanufactured (REMAN) headlamps into an attractive, mass-market solution for the entire European automotive sector.

4. Top Patent Filer & Future Skills

- **#1 French Patent applicant in Europe:** Valeo consistently ranks as the leading French company for patent applications.
- **Investing in Tomorrow's Talent:** Hosting hundreds of apprentices and interns annually across French sites, partnering with top engineering universities, and fostering STEM initiatives to prepare the next generation of automotive experts.

KEY FIGURES

The French Automotive Industry

The progressive rise of electrification of the French market

The French automotive market is undergoing a structural energy transition, driven by regulatory mandates, increasing fuel prices, incentive programs, and shifting consumer preferences.



KEY FIGURES

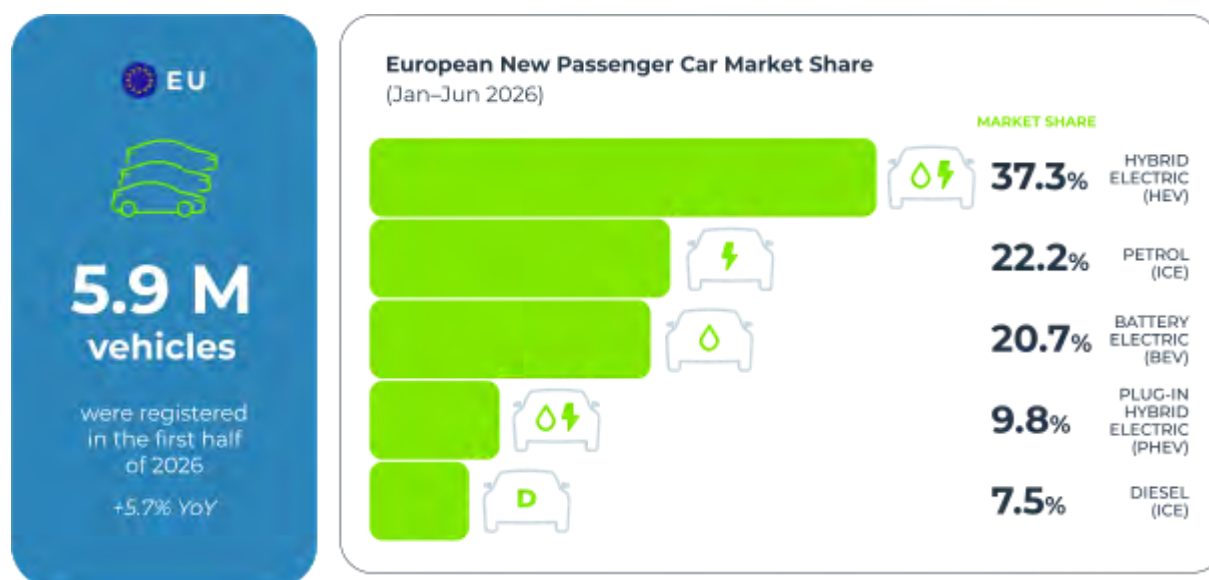
The European Automotive Industry

The EU car market: clean, safe and innovation driven

The European automotive landscape is driven by stringent decarbonization targets, evolving safety requirements, and significant investment in new technologies. In the first half of 2026, **around 5.9 million new passenger cars were registered across the European Union**, representing a 5.7% increase compared with the same period in 2025.

Electrified Mobility Takes the Lead

European consumers continue to shift away from traditional internal combustion engines toward electrified solutions, with hybrid technology consolidating its position as the dominant market choice.





The New Automotive Frontier: SDV, AI & Autonomous Driving

SECTION 1

From SDV to AIDV: Valeo's Vision for Tomorrow's Mobility

The Software-Defined Era: Decoupling Architecture for Continuous Evolution

The automotive industry is undergoing a digital transformation as rapid as it is profound. Today's modern vehicles carry an average of **200 million lines of code - nearly 33 times more than a commercial airliner like the Boeing 787**. This explosion of software marks a fundamental shift: cars are no longer static mechanical assets defined purely at production, but evolving digital platforms capable of continuous improvement throughout their lifecycle.

At the core of the Software-Defined Vehicle (SDV) paradigm is the rapid shift from a traditional distributed architecture to a **centralized Zonal Electrical/Electronic (E/E) architectures**, systematically decoupling hardware and software development cycles:

- **1 to 3-Year Hardware Development:** Allows OEMs to deploy scalable compute platforms and high-performance Systems-on-Chip (SoCs) driven by centralized domain and zonal controllers, simplifying internal wiring, reducing overall vehicle weight, while sharing sensor data & compute power.
- **10 to 15-Year Software Lifecycle:** Over-The-Air (OTA) updates enable vehicles to receive new feature subscriptions, continuous performance optimizations, and safety patches long after leaving the showroom floor.

The Hardware Foundation: Market-Leading Sensors and High-Performance Compute

While software enables evolvability, a successful SDV architecture requires robust physical foundations. Hardware headroom defines the boundary of what software can achieve over time. Valeo stands out as a full-stack supplier by offering the **industry's broadest range of automotive sensors, combining state-of-the-art cameras, radars, LiDARs, and ultrasonic sensors embedding Valeo perception software and AI powered algorithms**, as well as **ultra-high-performance centralized computing units** capable of real-time multi-domain processing.

This combined mastery of advanced hardware and scalable software execution has earned Valeo major strategic SDV programs with global automakers:

- **BMW Group:** Delivering **the central ADAS domain controller, sensor suite, and software for automated driving and parking features** on the "Neue Klasse" platform. This platform is integrated on the new BMW iX3, recently named 2026 "World Car of the Year" and "World Electric Vehicle".
- **General Motors:** Partnering on advanced compute platforms and perception systems designed to scale across diverse vehicle segments.

KEY FACTS

From Software Vision to Industrial Scale: The McAllen Benchmark

In March 2026, **Valeo broke ground on a new \$225 million, 337,000-square-foot high-tech facility in McAllen, Texas.** Fully aligned with Valeo's Elevate 2028 strategic plan, this site will produce next-generation liquid-cooled central compute units powering General Motors' upcoming electrical architecture.

By processing vast amounts of multi-sensor data into real-time vehicle action, Valeo powers the functions of tomorrow's car, proving its capacity to industrialize complex SDV hardware at global volume for major OEMs.

This architecture fundamentally alters the vehicle ownership experience. Hardware leaves the factory with built-in compute headroom, allowing new functionalities to be added years after initial purchase. Driver assistance systems improve, diagnostic routines detect component wear before physical failures occur, and user interfaces continuously adapt to keep pace with modern digital standards.

DID YOU KNOW?

Renault Group and Valeo are strengthening their cooperation to accelerate the development of Software-Defined Vehicle (SDV) technology. Valeo supplies Renault Group essential SDV building blocks, including:

- **Power Control Unit (PCU) and zonal computer units** to manage complex onboard processing.
- **Advanced Sensors**, featuring next-generation cameras and ultrasonic sensors.
- **Embedded Application Software**, including driver monitoring systems and automated parking assistance.

Valeo delivers this next-generation architecture, alongside with key tech partners Google and Qualcomm. **This SDV framework makes its debut on the new Traffic Van E-Tech electric, which was recently awarded International Van of the Year 2027 (IVOTY).**

The AIDV Horizon: Intelligence as the Next Step

The industry's evolution from SDV to AIDV is not a rebranding exercise, but a structural shift from executing static software code to hosting continuous, real-time intelligence.

Where an SDV relies on deterministic programming, an AI-Defined Vehicle (AIDV) goes beyond to integrate embedded neural networks that perceive, learn, and adapt. Embedded artificial intelligence transforms key functional domains across the vehicle:

- **Next-Generation Perception & ADAS:** Driver assistance is transitioning from rigid logic based on programmed code toward multi-modal Vision-Language-Action (VLA) AI models. Processing real-time feeds from sensors, these models interpret complex, unpredictable driving scenarios and take actions like an experienced human driver.
- **Agentic AI Cockpits:** Multi-screen cockpit interfaces are giving way to intelligent Agentic AI Cockpits. Embedded conversational assistants read situational context, learn individual driver preferences over time, and adjust climate, lighting, and routing dynamically to minimize cognitive load.
- **Proactive Cyber and System Health:** Machine learning algorithms monitor internal network traffic to flag security anomalies in real time, while predictive diagnostic models optimize energy management, battery health, and smart grid interactions such as Vehicle-to-Grid (V2G) power trading.

Scaling Software Engineering & System Integration

Transitioning to centralized software architectures redefines traditional industry hierarchies. The historical relationship between automakers and suppliers has evolved into an open, collaborative ecosystem.

According to industry analyses, testing, integration, and validation account for up to 40% of total software development value, a process that must now be maintained continuously, long after vehicle production ceases.

Valeo brings massive industrial scale to this challenge:

- **7,700 Software Specialists:** Out of 20,000 global engineers, 40% are dedicated to software and embedded systems across tech centers across the globe.
- **AI-Native Development:** Valeo embeds AI directly into its internal operations, using internal AI agents and tools like Google Gemini Code Assist to generate 35% of its internal software code, accelerating development velocity without compromising safety standards.
- **Integration, Testing & Validation:** From integrating Valeo or partners software onto in-house ECUs to advanced virtual testing, Valeo accelerates validation cycles for OEMs through AI and cloud technologies.

Valeo anSWer: The Complete Software Platform and Integration Suite

To support automakers through every stage of the software-defined transformation, Valeo delivers its expertise through **Valeo anSWer** - a comprehensive Software-as-a-Product (SaaS) and Software-as-a-Service (SaaS) offering designed to streamline vehicle architecture development.

Valeo anSWer brings together the three foundational layers required to build, execute, and maintain modern vehicle software:

- **Best-in-Class Applications:** Field-proven algorithms covering advanced ADAS, intelligent parking, automated maneuvers, lighting control, cabin experience, range efficiency, charging experience, thermal management.
- **Scalable Middleware:** High-performance, SoC-agnostic middleware bridging application logic with underlying hardware to manage cross-domain communications safely and efficiently.
- **End-to-End Integration Services:** Complete architectural support covering initial software design, virtual validation, cyber-compliance testing, and post-SOP lifecycle maintenance. To drastically accelerate SDV development and eliminate SOP risks, Valeo leverages **virtual TCU (Telematics Control Unit)** digital twin technology hosted on AWS cloud - enabling front-loaded software integration and continuous cloud testing long before physical hardware is built.

Built as an open ecosystem, **Valeo anSWer** collaborates with technology leaders such as Qualcomm, BMW, Holoride, AWS, and Anritsu to give automakers maximum flexibility and simplified integration.

Concrete Application: Software-Defined Lighting

Lighting perfectly illustrates how *Valeo anSWer* brings software evolvability to physical vehicle functions. Leveraging over 20 years of domain expertise, Valeo turns exterior and interior lighting into dynamic, software-driven communication tools:

- **Software-Enabled Compliance (Valeo SAFElight):** Automakers can pre-install headlamps with adaptive driving beam function and instantly unlock advanced lighting features via Over-The-Air (OTA) updates as local regulations evolve across different markets.
- **Lifecycle Personalization (Valeo CUSTOMlight):** Shifting lighting from static signals to dynamic visual messages, Valeo CUSTOMlight enables continuous hyper-personalization across headlamps, rear lamps, and cabin lighting scenarios throughout the vehicle's lifecycle.

Concrete Application: Smart Energy Management

In the SDV era, Valeo transforms thermal management and charging into high-value software services:

- **Valeo Predict4Range & Thermal Intelligence:** Centralizes energy flows (HVAC, Heat Pump, Thermal Comfort) to extend EV driving range by up to 24% and shorten fast-charging stops.
- **Driveline Software:** Acts as the brain of the powertrain, optimizing 2-speed eAxeles (up to 7% energy savings) and eDisconnect systems (up to +10% range).
- **V2G Integration:** Turns the vehicle into a smart grid asset capable of bidirectional charging (Vehicle-to-Grid).
- **Powertrain Domain Controller:** Consolidates up to 10 subsystems (Inverter, OBC, VCU, etc.) into a single brain, simplifying architecture and assembly.

To discover more...



Enhanced Valeo Racer AR Gaming Functionalities



Automotive gaming has become a hot topic over the past few years, but so far, experiences have been limited to treating the vehicle's infotainment system as a console while parked. Valeo is reimagining automotive gaming by taking the experience on the road.

Through its **enhanced Valeo Racer XR platform**, Valeo delivers a new type of in-car entertainment leveraging on-board sensors powered by **multi-modal AI and deep learning** to provide an immersive gaming experience.

Valeo Racer immerses the player in a *kart-racer*-style game, where the objective is to collect coins and avoid obstacles. Real-time video and perception data from Valeo's cameras, ADAS sensors, and machine learning algorithms are streamed directly into the game. Played on any mobile device, the game uses live video as the background and incorporates real-world objects into the gameplay.

As a world leader in ADAS technologies with over 20 years of experience, Valeo has teamed up with automotive XR gaming start-up **holoride**. **Valeo Racer is already on the road onboard the Renault Filante in Korea.**



SECTION 2

Autonomous Driving: the revolution is already here

How Valeo Leads Every Level of Automated Mobility

Driven by consumer expectations, tightening global regulations (GSR II, mandatory AEB, Driver Monitoring Systems), and rapidly advancing AI powered functionalities, automated driving is undergoing a mass-market transformation. Leveraging an unmatched industrial track record, with **over 2.5 billion ADAS sensors shipped to date and 40 million smart front cameras sold**, Valeo is democratizing high-end safety features today while building the technological foundation for 100% driverless mobility tomorrow.

Safety First: The Proven Power of Automation

Road safety remains the primary driver of ADAS (advanced driving assistance systems) and AD (autonomous driving) deployment. Valeo's mass-market technologies provide proven safety benefits:

- **Current ADAS (L1/L2):** Automatic Emergency Braking (AEB) reduces front-to-rear crashes by **50%** and injury-related crashes by **56%**. Lane Keeping Assist (LKA) cuts lane-departure incidents by **21%***.
- **Higher Automation:** Scaled autonomous platforms are proving significantly safer than human drivers, data shows driverless robotaxi operations achieved up to an **8x crash reduction*** compared to human driving benchmarks in 2024.

**Source: Insurance Institute for Highway Safety (IIHS) & Highway Loss Data Institute (HLDI))*

Democratizing L2+ Architecture: Scalable & Cost-Efficient

To enable automakers to scale Level 2+ and Navigation on Autopilot (NOA) features rapidly, Valeo delivers market-leading integrated architectures:

Valeo Smart Safety 360 (VSS360)

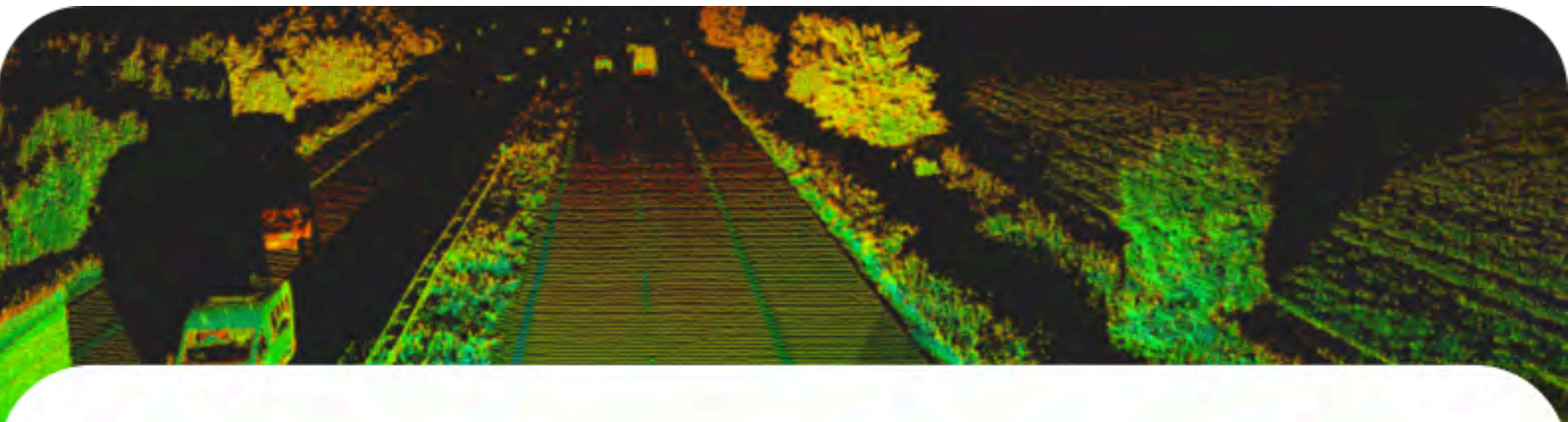
A centralized, passively cooled "1-Box" architecture built around the Smart Front Camera. It eliminates extra ECUs, reduces wiring, and scales seamlessly from entry-level regulatory compliance to advanced **Highway NOA**. Designed to cover the entire market spectrum, from entry-level compliance (GSR II mandates) up to advanced Level 2+ Highway NOA, using the exact same front camera form factor, vehicle installation, and wiring harness.

Moving far beyond traditional Adaptive Cruise Control (ACC), **NOA autonomously handles lane changes, highway interchanges/ramps, speed adjustments based on map data, and traffic obstacle avoidance under driver supervision.**



Speed to Market

Demonstrating ultra-fast execution in high-adoption markets like China, Valeo developed a fully featured L2 system in just 8 months, securing 10 business wins (8 already in series production).



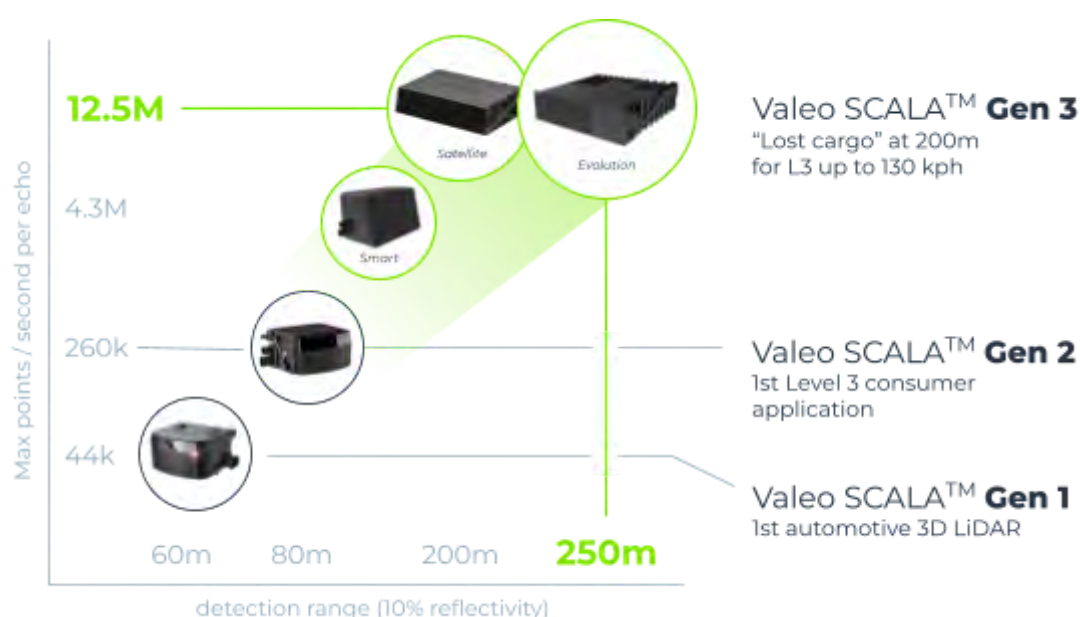
LiDAR & Multi-Sensor Redundancy: The Foundation for L3/L4 Autonomy

Transitioning safely from driver assistance (L2/L2+) to unsupervised autonomy (L3/L4), where system liability replaces driver oversight, requires absolute perception redundancy.

Uncompromising Safety & Redundancy: Valeo's flagship **Valeo SCALA™ 3 LiDAR** creates an instantaneous, precise 3D point cloud of the environment, measuring distances down to the millimeter regardless of light conditions, harsh weather, or glare.

Mastering High-Speed Urban & Highway Driving: Operating behind the windshield or integrated into the grille, Valeo LiDAR detects non-reflective obstacles over 200 meters away, such as lost cargo or tires on unlit roads, providing the critical reaction time needed for safe hands-off driving up to 130 km/h.

Industrial Leadership: As the first company to mass-produce automotive-grade LiDARs, Valeo remains a world leader in series production. Today, Valeo LiDAR equips vehicles worldwide, delivering the optical redundancy required for true driverless mobility.





DEMO

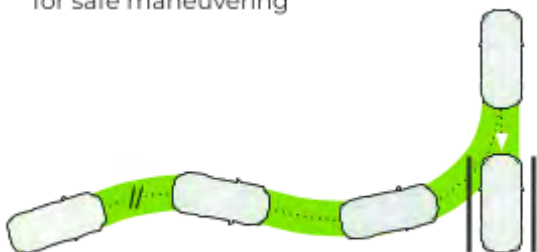
Next-Gen Autonomous Parking

The latest **Parking Assistant** software suite brings AI-driven precision, defining a new digital era of intelligent mobility. At Paris Motor Show 2026, **visitors can experience Valeo's next-generation automated parking technology live on the BMW iX3.**

15 maneuvers up to 200m each

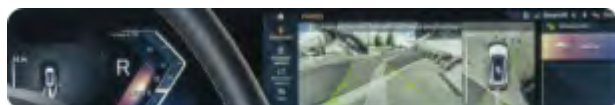
Precise VSLAM localisation
using the surround cameras

AI-based surround perception
for safe maneuvering



Powered by Valeo's AI-based holistic slot detection and AI-based motion planning, the system executes smooth, human-like maneuvers. Based on camera, GPS, and ultrasonic sensor environment mapping, the Trained Parking assistant records up to **15 low-speed trajectories over a total combined distance of up to 1,200 meters**, now including gradients. This enables the vehicle to fully automatically replicate **complex daily maneuvers** (such as accessing a narrow garage, private driveway, or underground parking lot) with a seamless transition to automatic parking, all under the driver's supervision. Meanwhile, the Reversing Assistant continuously stores and autonomously traces back the last **200 meters driven forward at speeds under 36 km/h (22 mph)**, ideal for effortlessly backing out of a dead end or a blocked narrow street.

The suite also includes **enriched MapView integration**, automated park-in/out support for parallel, perpendicular, or angled spots, and Remote Control Parking via smartphone allowing drivers to operate maneuvers or monitor live surroundings using Remote 3D View from up to 6 meters away, low-speed parking stress is fully eliminated.





Valeo

Transforming Mobility: Electrified & Sustainable

SECTION 1

Electrified Mobility

Electrified vehicles still face two major challenges: efficiency and cost, as consumers are looking for greater range, faster charging and more affordable vehicles.

At Paris Motor Show 2026, Valeo demonstrates its total coverage of the electrification spectrum. Whether addressing mild hybrids with cost-effective 48V systems, plug-in hybrids (PHEV) and range extenders (REEV) with high-efficiency generators, or full battery electric vehicles (BEV) with next-generation 800V powertrains, Valeo provides tailored thermal and electric solutions for every OEM strategy.

By combining advanced electric propulsion with optimized thermal management, Valeo delivers high-performance, highly integrated systems built for the global market.

DID YOU KNOW?

Valeo Inside: Valeo's electrification technologies equip nearly every booth

Valeo technologies equip virtually every major automaker booth at the Paris Motor Show, across all powertrain architectures (BEV, PHEV, REEV):

Renault Traffic Van E-Tech: Powered by Valeo's 800V SiC eAxe with park lock actuator and equipped with Valeo heat pump and Electric Driven Compressor.

Renault Passenger Range (Clio, Captur, Symbioz, Scenic, Austral, Espace, Rafale): Equipped with Valeo High-Voltage Inverters, electric oil pump and gearbox actuator.

Dacia Striker: Featuring, in addition Valeo 48V Belt Starter Generator, HVAC system and Air Conditioning compressor, a 48V 2-speed rear eAxe.

Valeo also equips **several exhibited Chinese vehicles** with solutions such as battery cooling plates, Valeo Dual Layer HVACs, Dual Mass Flywheels, Torque Limiters, dual inverters, smart heat pumps and HVCHs.

Pushing the Boundaries of EV Performance, Range and Charging

Maximizing the range of electrified vehicles requires an integrated approach to energy efficiency. Valeo combines **high-voltage 800V architectures**, smart thermal management, and optimized powertrain and eDisconnect systems to reduce energy consumption, eliminate mechanical losses, and extend distance on a single charge.

Powertrain Efficiency & Performance

- **iBEE Motor System (Co-developed with MAHLE):** Inner Brushless Electrical Excitation (EESM) motor technology optimized for highway efficiency, offering up to **350 kW** of magnet-free power while reducing the electric motor carbon footprint by 40%.
- **Secondary e-Axle & eDisconnect:** Features an ultra-flat profile that preserves space for a front trunk ("frunk"). Its smart mechanical disengagement system eliminates drag losses during cruising, boosting driving range by up to **10%**.
- **Gen 5 On-Board Charger (OBC):** Leverages Gallium Nitride (GaN) and planar transformers to maximize power density while handling bidirectional energy flows (V2G/V2H).
- **800V SiC High-Voltage Inverter:** In an electrified vehicle, the battery stores direct current (DC), while the motor requires alternating current (AC) to operate. The inverter performs the conversion and acts as the "brain" of high-voltage electrification, controlling the flow of power to the electric motor and playing a critical role in overall powertrain performance. Made in France at Valeo's Étaples plant, this state-of-the-art 800V inverter acts as the brain of high-voltage electrification:
 - **SiC (Silicon Carbide) Technology:** Reduces WLTP energy losses by up to **60%**.
 - **Ultra-Compact Design:** Flat-pack architecture achieves a **30% volume reduction** while delivering 5–10% improved cooling performance.
 - **Unrivalled Scalability:** Supports flexible power scaling from **220 to 750 Arms** for BEVs, Hybrids, and EREVs.



DID YOU KNOW?

Valeo powers **AND** cools the new Renault Trafic. Beyond software and sensors, **Valeo provides the full physical heart of the new Renault Trafic E-Tech**. Valeo's technology combines **high-voltage propulsion with complete thermal architecture**. With both the **800V SiC eAxle (and its Park Lock Actuator)** and the core elements **of the thermal loop**, including the Standard Heat Pump, EDC (Electric Driven Compressor), AC Water Chiller, and Condensers. **This end-to-end integration of energy and thermal management optimizes battery performance** and maximizes driving range in all conditions.

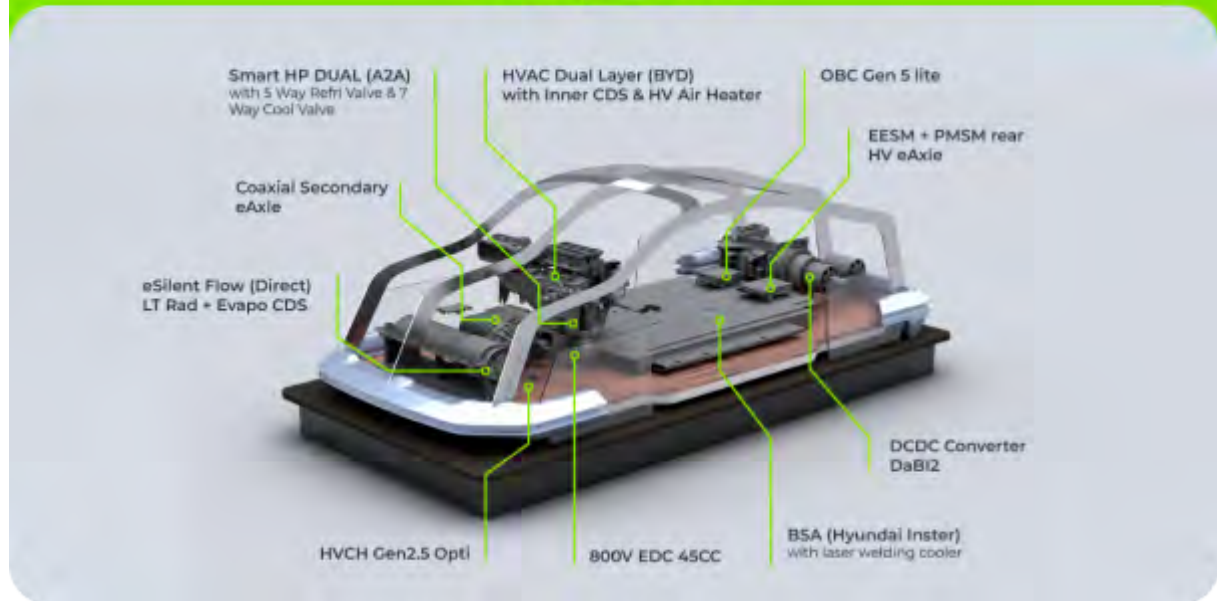
Integrated Thermal Management

- **Compact 5-Way Refrigerant Valve (CES Innovation Award® 2026 Honoree):** A breakthrough in EV thermal management, this single ultra-compact unit replaces four traditional valves, significantly reducing system complexity and weight. Compatible with next-generation refrigerants like R-290, it optimizes energy efficiency to make electric mobility smarter and more accessible.
- **Smart e-Pump & R290 Heat Pump:** Uses propane (R290), a natural refrigerant, to deliver high thermal efficiency, protecting battery capacity in extreme cold while ensuring passenger comfort.
- **HVAC Dual-Layer Technology:** Recirculates upper fresh cabin air while recirculating lower cabin air, cutting HVAC energy consumption by up to **30%** and accelerating cabin heating.
- **HVCH (High-Voltage Coolant Heater):** An advanced high-voltage electrical heating component that rapidly warms the battery's coolant circuit. It pre-conditions battery temperatures prior to fast charging to maintain peak charging speeds and prevent lithium plating in cold climates.
- **Front Cooling Module & Valeo eSilentFlow:** Dissipates severe thermal loads during ultra-fast DC charging. The ultra-flat Valeo eSilentFlow design saves 100mm of Z-axis space for sleek aerodynamics while cutting electrical consumption by **20%**.
- **Valeo Predict4Range Software:** The intelligence behind the hardware. This smart software orchestrates thermal energy flows to extend real-world EV range by up to **24%**, and reduces charging times on long trips.
- **Single-Fluid Cooling System:** this breakthrough direct-dielectric immersion cooling system operates alongside a heat pump. By putting fluid in direct contact with critical components, it lowers valve count from 9 to 3, cuts battery carbon footprint by **50%**, and increases range by **6% at -7°C**. With an 11 kW battery cooling capacity, the Single-Fluid system supports **>3C fast charging rates** (exceeding 300 kW on a 100 kWh battery)—slashing 0–80% charging times down to **12 minutes at 35°C**.

ON THE PFA BOOTH



ON THE **Valeo** BOOTH



Charging Stations: Smart Infrastructure & Bidirectional Charging

Building on its electrification expertise, Valeo expands **its INEEZ EV Charging range and launches the new bidirectional AC charging station**, natively integrating the ISO 15118-20 protocol:



Enables real-time, secure communication between grid, charger, and vehicle.

Embedded software adapts to national grid codes for seamless international rollout.

Turns the EV into an active energy asset that feeds power back to homes (V2H) or to the grid (V2G) during peak demand.

DID YOU KNOW?

Valeo and Nissan have signed a major agreement to commercialize a comprehensive charging offering across Europe, starting in the United Kingdom. Valeo provides the hardware and software technology powering Nissan's integrated energy ecosystem (V1G and V2X/V2G), enabling compatible Nissan electric vehicles to lower charging costs, balance energy loads, and enhance grid resilience.



Valeo Cyclee Adaptive eBike System



Valeo extends its 48V electrification expertise to soft mobility with **Valeo Cyclee**, the world's first system to integrate both a high-performance 48V electric motor and an adaptive 7-speed automatic gearbox directly into the pedal assembly.

World-First Integrated Architecture:

Combines a 48V mid-drive unit, an integrated 7-speed automatic gearbox, a display, and a 48V battery into a single seamless solution.

Unrivalled Performance & Torque: Delivers up to **130 Nm of torque** and automatically multiplies the cyclist's pedaling effort by up to **8x**, making steep climbs and heavy loads effortless.



Smart & Adaptive Shifting: Uses predictive algorithms to continuously analyze riding style, enabling ultra-smooth gear shifts under heavy pedaling load or even while fully stopped.

Integrated Anti-Theft Security: Features an electronic lock that automatically disengages the gearbox into neutral, preventing the pedals from turning or cranking when parked.

Universal Versatility: A connected, scalable environment suitable for all eBike categories—from heavy-duty cargo bikes to urban commuters and all-terrain e-MTBs.

SECTION 2

Safer Mobility

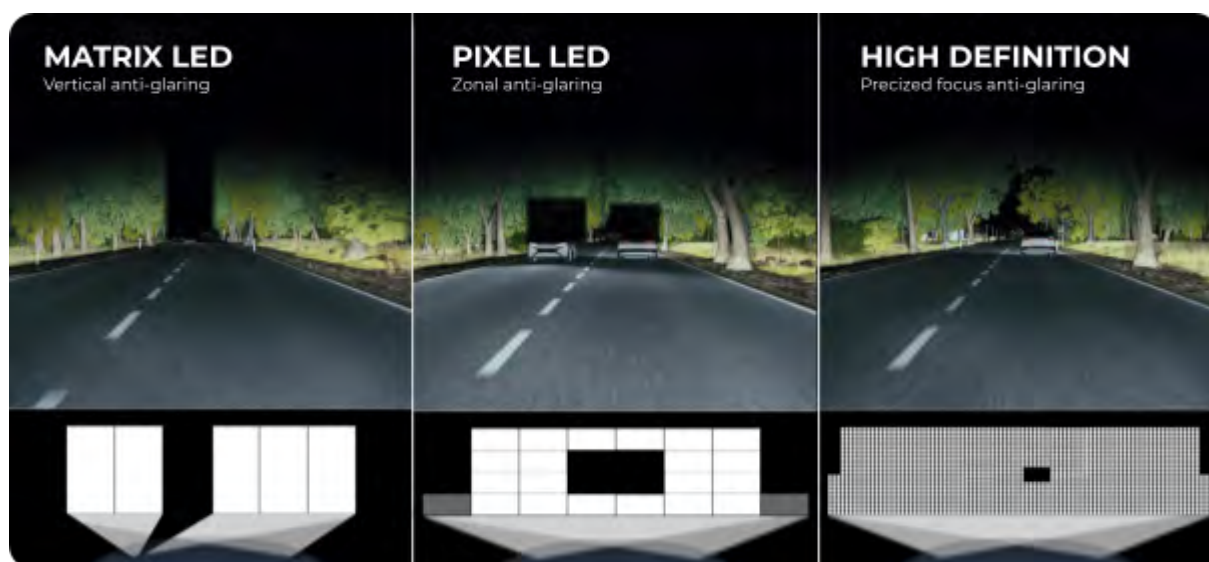
From ADAS to HMI, from SDV architectures to solutions such as AquaBlade™ wipers, Valeo contributes to every aspect of vehicle technology that can make driving safer. At the Paris Motor Show, visitors can experience a range of demonstrators showcasing the breadth of Valeo's technologies and their contribution to vehicle safety.

Light: safety, style and performance in all weather conditions and for all road users

Anti-glaring solutions (ADB): sharp precision for accurate lighting

70% of road accidents occur at night. One of the main reasons for accidents at night is the poor visibility due to reduced field of view, impaired perception and glare from other vehicles.

Valeo's Adaptive Driving Beam (ADB) systems ensure the maximum illumination of the road ahead with high beam activation, without blinding the traffic, scaling across three levels of precision:



- **Matrix Technology:** selectively deactivates specific LEDs to create a "shadow box" around other vehicles while keeping the rest of the road fully illuminated.
- **Pixel Technology:** refines the anti-glare zones with higher granularity, significantly improving driver comfort and light distribution.

- **HD Pixel Lighting (up to 1.3 million pixels):** representing the pinnacle of Valeo's expertise, this HD version maintains superior anti-glare performance while transforming the road into a digital canvas. It enables the projection of critical driving information, such as navigation cues, or safe distance alerts, directly onto the pavement for unmatched situational awareness.

KEY FACTS

- The market for intelligent ADB solutions is expanding rapidly, set to rise from a 13% equipment rate in 2025 to 23% by 2030
- Over **100 ADB programs** have been successfully developed by Valeo worldwide since 2017
- **50 new ADB programs** are currently in development for the years ahead

ON THE BOOTH



Valeo Anti-glaring solutions portfolio

AquaBlade™: reducing reaction time for safety

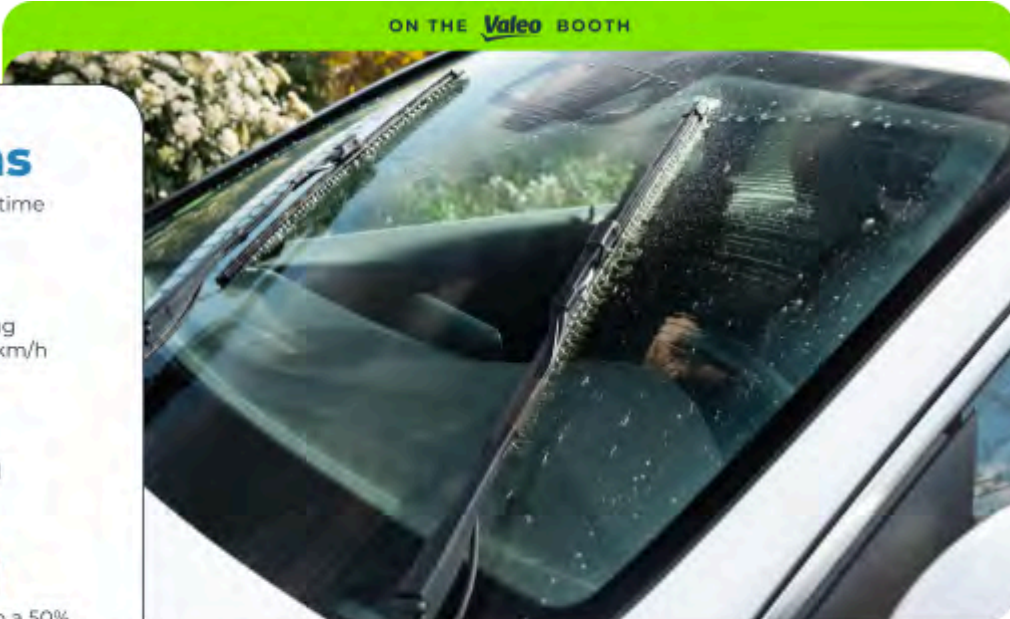
Valeo's AquaBlade™ wipers technology replaces traditional spray nozzles with a fluid distribution system integrated directly into the wiper blade, eliminating the “blind period” during windshield washing. 288 milliseconds of reaction time are saved, which translates to a 4-meter reduction in stopping distance at 50 km/h. It also helps to save 2.2 kg (compared to a conventional hood nozzle): a more precise distribution allows to use 50% less washing liquid, therefore allowing a 50% reduction of the tank size.

288 ms
faster reaction time

4 m
shorter stopping distance at 50 km/h

50%
less windshield washer fluid

2.2 kg
saved thanks to a 50% smaller fluid tank



KEY FACTS

Since 2012, Valeo has successfully launched front AquaBlade™ applications on more than **100 vehicle models**, serving both the passenger car and commercial truck segment and across all major automotive regions (North America, Europe, and Asia).

360° projections on the road for personalization and safety

Light projection on the ground around the vehicle, when parked, allows automakers to use a distinguishing visual signature and welcomes passengers when they approach. It also provides convenient and safer access to the vehicle in dark areas.

In addition, with the increase of new mobility and therefore of Vulnerable Road Users (VRUs), there is further need for communications in order to ensure their safety, during vehicles' maneuvering for example. By projecting signaling functions onto the ground, such as reverse and turn indicators, directly in the field of view of nearby pedestrians, cyclists, etc.

Following the 2025 approval of reverse projection for 2026 road application, turn indication projection achieved regulatory approval in June 2026. Valeo is already capitalizing on this milestone, having booked several programs in Europe planned for a 2027 start of production.



KEY FACTS

Ensuring the Performance of Sensors

Maintaining clean optics is a critical requirement for the reliable operation of Advanced Driver Assistance Systems (ADAS) and autonomous driving functions. To ensure self-driving features operate safely under all weather and road conditions, Valeo has developed intelligent sensor cleaning systems that combine robust hardware with smart software control.

With **8 systems in production since 2019** and **6 Start of Production (SOP) scheduled for 2027 across 3 regions**, Valeo is equipping vehicles ranging from **AV L2+ to robotaxis**. By automatically detecting dirt and applying precise cleaning cycles, Valeo's technology ensures perfect visibility for cameras, radars, and LiDARs while intelligently reducing fluid consumption and complying with strict global pedestrian safety standards.

The Smart Augmented Cockpit

Valeo Panovision HUD

For increased onboard safety, Valeo develops solutions that help drivers keep their eyes on the road and avoid looking down at traditional displays. **Valeo Panovision's** virtual floating images, combined with **Valeo's Augmented Reality Head-Up Display (HUD)**, ensure that critical information remains directly within the driver's line of sight. The pillar-to-pillar display seamlessly integrates into the dashboard to enable a sleek cockpit design while providing excellent visibility for all occupants.

Combining a reflective treatment on the windscreen with a bespoke local-dimming backlight, Panovision optimizes power consumption and viewing contrast while delivering full brightness and an immersive experience. It is fully compatible with polarized sunglasses and meets all global windscreen and field-of-vision regulations.

Active Hazard Detection & Attention Tracking

Valeo Panovision HUD integrates intelligent gaze-tracking software to determine whether the driver has noticed a potential hazard on the road:

- **Real-Time Environment Perception:** Combines data from Valeo Brain sensors (front camera and radar) with perception software to detect and locate potential hazards, including vulnerable road users (VRUs) like pedestrians.
- **Driver Monitoring Integration:** A 5-megapixel RGB-IR interior monitoring camera tracks the driver's gaze using Seeing Machines' Driver Monitoring System (DMS) algorithms.
- **Smart Safety Alerts:** If the system detects an unseen hazard in the driver's path, it projects an immediate visual warning directly into their line of sight, accompanied by an audio alert to prevent accidents.

DID YOU KNOW

Valeo Panovision was honored with the **DVN Award** in the "Cabin Display and Projection Technology" category at the DVN Interior China Forum. Demonstrating its market readiness, this award-winning display technology is now officially featured on the new **GAC YUE7**.



SECTION 3

Sustainable Mobility

Contributing to a more sustainable mobility requires looking beyond the vehicle itself to optimize its entire lifecycle. Valeo is scaling high-tech component remanufacturing, and supporting workshop professionals in acquiring new skills to service vehicles that are continuously evolving.

As-Good-As-New: The Power of Remanufacturing



A pioneer in circular economy solutions, Valeo brings 45 years of expertise in remanufacturing, producing more **than 1 million remanufactured parts annually across 6,000 active part numbers**. In its centers of excellence in Nevers (France), Angers (France) - the first site dedicated to LED headlamp remanufacturing - and Czechowice (Poland) Valeo is accelerating the transformation of its product portfolio to address the rise of electrification and on-board electronics - **including front-facing cameras, LED headlamps, and EV inverters**.

DID YOU KNOW

Demonstrating this technological expansion, **Valeo recently partnered with Stellantis to introduce a co-developed remanufactured NOx sensor** showcased at Automechanika Frankfurt, illustrating how circular economy principles are increasingly applied to highly complex electronic components.

Beyond traditional automotive applications, **Valeo is also expanding its remanufacturing offer to micro-mobility**, offering motor and battery remanufacturing for e-bikes.

Designed to deliver as-good-as-new performance backed by a 2-year warranty, Valeo's remanufactured solutions offer a strong value proposition for both workshops and drivers. On average, they reduce virgin material usage by up to 80%, lower carbon emissions by 50% to 70%, and cut costs up to 25% compared to new replacement parts.

KEY FACTS

Offering locally produced Aftermarket solutions

- 44% of Valeo's aftermarket wiper blades are produced in Europe, and 70% of those are manufactured in France using identical Original Equipment processes.
- This local footprint serves the production of premium ranges such as SILENCIO, SWF, Hydroconnect, INFINIUM CANOPY.
- Consistent to its local for local policy, Valeo range produced in France covers 98% of the French car park.

Valeo Tech Academy

As the automotive sector undergoes profound transformation, training has become a decisive factor for competitiveness. **Valeo Tech Academy** stands out with a unique approach to training: combining Valeo's technological expertise with exclusive educational tools to support the transformation of repairers' skills.

Designed by Valeo experts, Valeo Tech Academy offers **comprehensive training programs** that blend **e-learning** with **practical workshops**. Its extensive and continuously expanding catalog covers every aspect of vehicle maintenance and repair - transmission, automatic gearboxes, electrification, advanced driver assistance systems, and more.

But the real difference happens in the field: During in-person sessions, professionals train on an **exclusive simulator capable of reproducing more than 150 technical failures** across all vehicle brands. These breakdowns are directly sourced from actual workshop repair orders. This unique practical immersion enables participants to test, diagnose, correct, and most importantly, replicate in the workshop what they have learned during training.

Already adopted by many workshops with a **satisfaction rating of 9.5/10**, Valeo Tech Academy allows repair professionals to **diagnose** faster, **strengthen their technical expertise**, and **develop their business sustainably**. Valeo Tech Academy empowers repair professionals to turn market changes into real opportunities.



Company Overview

COMPANY OVERVIEW

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



€ 20.9 bn
in Sales



29
countries



100,000
employees



149
production sites



59
R&D centers



19
distribution platforms

Valeo in France



11 000
employees



20
production sites



9
R&D centers

Innovative solutions to meet new mobility requirements

Valeo is structured with three well-balanced, coherent Divisions — **Valeo Power**, **Valeo Brain** and **Valeo Light** — 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.



Valeo supplies an **end-to-end range** of technological solutions that cover **powertrains** and **thermal management** systems for **both** conventional and electrified vehicles, dedicated to supporting the transition to electrification.



Valeo is taking full advantage of the growing penetration of its driver assistance technologies by leveraging its broad portfolio of products, which include **sensors, central processing units and AI-based software**. Valeo has already supplied more than 2.5 billion units over the past 30 years and will produce another 1.5 billion over the next five years.



As electric and autonomous vehicles evolve, the lighting market is underpinned by style, performance, safety, and sustainability. Valeo A comprehensive range of systems to see and be seen, including **lighting, signaling and wiper solutions, control units and functional software** that provides all the performance, style, safety and durability features



Valeo Service offers a variety of mobility aftermarket solutions, supplying **replacement parts and services** to car dealer networks, the independent aftermarket, EV recharging station installers and electric bike repair shops.

PRESS INFORMATION

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Other practical information

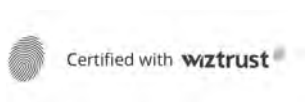
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More at www.valeo.com



In order to secure its communication, Valeo certifies its content on Wiztrust. You can check the authenticity on <https://www.wiztrust.com/en/>