

NANTERRE (FRANCE)

**DECEMBER 14<sup>th</sup>, 2022**

## CES 2023

### FORVIA PIONEERS TECHNOLOGIES THAT MATTER TO PEOPLE

- FORVIA, the 7<sup>th</sup> global automotive supplier, will reveal several world premieres at CES 2023 from January 5-8 in Las Vegas, Nevada.
- This marks the first CES with FORVIA presenting its combined portfolio of Faurecia and HELLA technologies addressing megatrends in electrification, automated driving, and personalized cockpits.
- FORVIA will showcase a series of groundbreaking technology and interactive experiences, demonstrating the Group's leadership in sustainable materials, energy and weight saving, upgradability, recyclability, and circular economy design.
- The world's first Solid State Lighting High-Definition headlamp (SSL | HD) is a CES 2023 Innovation Award recipient.
- Patrick Koller, CEO, to host press conference on January 4 at 09:00am Pacific Time at the Mandalay Bay Convention Center to present how FORVIA is rethinking mobility thanks to technologies that matter to people.
- Visit the FORVIA booth at Central Plaza 3.

FORVIA, one of the world's leading automotive technology suppliers, is showcasing its newest solutions in electrification and energy management, automated and safe driving, and personalized experiences in the digital and sustainable cockpit.

Through these technologies, FORVIA will illustrate its commitment to becoming carbon-neutral across all operations and products by 2045.

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Key technologies and interactive experiences showcased by FORVIA include:

## **Electrification & Energy Management**

**Zero Emission multiple powertrain platform flexibility** featuring technologies capable of supporting fuel cell electric, battery electric, and hybrid powertrains. Displayed on a unique electric vehicle platform, it demonstrates how we can support multiple future powertrain architectures without compromising quality or performance.

**State-of-the-art Hydrogen Storage System** is an innovative prismatic composite structure that achieves 40% more storage capacity for greater autonomy compared to cylindrical tanks. As one of the industry pioneers in hydrogen storage system development, we are prepared to deliver next generation solutions to help automakers address critical zero emission and fuel cell integration challenges.

**High Voltage electric vehicle (EV) Energy and Thermal Management** technologies include our coolant control hub, high density onboard charger, high voltage DC/DC converter and lightweight, scalable battery management systems designed to maximize efficiency and reduce size, complexity, and cost.

**Green High Dynamic Range (HDR)** builds off our market-first Perceptual Display Platform technology by enabling automatic image enhancement, energy saving and lifetime upgrading on any type of display hardware making it an ideal solution for electric vehicle manufacturers looking for battery optimized high-end display systems.

**Our zonal module** for state-of-the-art E/E architecture ensures intelligent power and data distribution with highest safety of electrified powertrain, thanks to a world-first eFuse technology ensuring fail-operational power for automated driving.

## **Safe & Automated Driving**

**Automated Driving** with best-in-class sensors, perceptive software, and data fusion, and with fail operational electronics for steering and braking. With both radar and camera, our solutions include interior child presence detection and driver distraction and drowsiness monitoring.

### [ABOUT FORVIA](#)

FORVIA comprises the complementary technology and industrial strengths of Faurecia and HELLA. With over 300 industrial sites and 77 R&D centers, 150,000 people, including more than 35,000 engineers across 40+ countries, FORVIA provides a unique and comprehensive approach to the automotive challenges of today and tomorrow. Composed of 6 business groups with 24 product lines, and a strong IP portfolio of over 14,000 patents, FORVIA is focused on becoming the preferred innovation and integration partner for OEMs worldwide. FORVIA aims to be a change maker committed to foreseeing and making the mobility transformation happen. [www.forvia.com](http://www.forvia.com)

**Reactive Dimming** makes its world debut at CES as a combination of gaze monitoring with smart dimming applied on eMirror that will help to reduce cognitive load, driver distraction and fatigue.

**Dynamic Lighting** with superior styling, up to 80 percent reduction of energy consumption compared to conventional taillights, and digital, flexible integration options configurable for automaker-specific design needs, including our CES 2023 Innovation Award-winning Digital Headlamp Solid State Lighting High-Definition.

**Smart Presence Detection** builds upon FORVIA's ultra-wideband (UWB) Smart Car Access system with advanced functionality for child and intrusion detection.

## Personalized Experiences in the Digital Sustainable Cockpit

**Cabin Centerpiece "Lumières"** demonstrating our highly versatile "Third Place" cockpit design. It offers an innovative and customized mobility experience between front and rear seats that creates an 'at home' environment through reconfigurable seats and an integrated bookshelf, reading lamp, and individualized sound headrests. The cabin centerpiece achieves 45% CO<sub>2</sub> emissions reductions through lightweight architectures, sustainable materials, and energy optimized electronics. It features the world premieres of groundbreaking exterior lighting solutions, gaze-based intuitive Human-Machine Interface (HMI) on multiple driving display and brake-by-wire integration.

**Modular and Sustainable Seating and Interiors** showcasing recyclable, bio-sourced materials, extended lifecycle usage, and customized comfort options to create an ideal occupant experience. World premiere technologies include our Modular Seat Architecture offering a simplified, flexible, and upgradable design and Compact Seat Structure improving electric vehicle battery space and creating a more comfortable passenger experience.

**Digital mobility experience and connected services** highlighting digital continuity from home to car with FORVIA's market-leading Aptoide App Store, game and news center, and possibility to upgrade your vehicle over-the-air with a wide set of FORVIA

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services. Reactive dimming and immersive display offer a safe and new digital experience to the driver

**Advanced and Sustainable Interiors** as part of FORVIA's new MATERI'ACT brand focused on developing and producing at scale sustainable materials. These materials will provide up to 85 percent CO<sub>2</sub> reduction by 2030 and combined within interior technologies such lens displays and active surface integration, delivering a 30 percent kWh reduction to boost electrical vehicles range extension.

*"CES is the ideal stage for us to present our transformed group poised for strong value creation and capitalization of automotive growth trends in electrification, automated driving and cockpit personalization,"* said **Patrick Koller, CEO of Faurecia**. *"The group is actively implementing new architectures and materials into the coming product generations, while helping our automakers partners achieve their net-zero goals. Our innovation displays show the complementary technologies of Faurecia and HELLA within our diversified, balanced portfolio and emphasize our vision for sustainable future mobility that matter to people."*

**FORVIA will host a press conference on January 4 at 9:00am Pacific Time at the Mandalay Bay Convention Center in Las Vegas. Please reach out to our Press Contact if you are interested in attending. Visit the FORVIA booth at Central Plaza.**

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