

Levallois, April 18th, 2023

PLASTIC OMNIUM AT AUTO SHANGHAI 2023

At the 20th Shanghai Auto Show, to be held from April 18 to 27, 2023, Plastic Omnium will showcase its technologies that meet the challenges of cleaner, safer and more appealing mobility. With more than 7,000 employees and 12% of revenue generated in 2022 in China, the Group is accelerating its growth and ability to offer technologies that target today's mobility challenges.

Plastic Omnium has had an operating presence in China since 2006, and generated more than €1 billion in revenues from this market in 2022. With 38 production plants and 4 R&D centers, the Group has a recognized manufacturing base in the country's key automotive hubs to supply the main carmakers and benefit from the Chinese market growth. Its comprehensive portfolio of technologies makes it a major partner for the mobility of today and tomorrow.

The challenge of cleaner mobility

Plastic Omnium is at the forefront of low-carbon mobility through its battery and hydrogen electrification solutions, and its technology improving aerodynamism. At this year's show, the Group will showcase a broad portfolio of CO₂ emission reduction technologies, including its **onboard battery systems, high-pressure hydrogen storage solutions** and the **fuel cell system**. In January this year, Plastic Omnium made another leap forward in its hydrogen strategy for China with the signature of a joint venture agreement with Shenergy Group subsidiary Rein to manufacture and market high-pressure hydrogen storage systems. A pilot production line will be completed by 2025, to be followed in 2026 by a new mega-plant with an annual production capacity of 60,000 high-pressure hydrogen vessels. Moreover, Plastic Omnium will showcase its **Active Grille Shutter**, a key technology for the aerodynamics integrated in the front-end module of the vehicle and designed to reduce fuel consumption and CO₂ emissions.

The challenge of safer mobility

In China, one car in every four is fitted with bumpers made by YFPO, the Plastic Omnium/Yanfeng joint venture, which recorded a strong growth of more than 18% in 2022, driven by the momentum of new customers in the electric vehicle segment. Bumpers in particular, and exterior body parts in general - for which Plastic Omnium is the world leader - are becoming the focus for a series of technologies offering an increasing number of smart road safety improvement functions. The Group will introduce its **4D imaging radar** designed with Greenerwave, which is integrated into the bumper for a 180° vision to deliver real-time vehicle environment information, regardless of weather conditions. It will also be showing its latest **smart lighting solutions**, which have foresight and information functionality, for safer mobility.

The challenge of a more appealing and customized mobility

Plastic Omnium will showcase at Auto Shanghai 2023 its **Smart Tailgate** with embedded lighting and display module, while enhancing the vehicle's aesthetic. In response to growing demand for vehicle customization, the Plastic Omnium booth will include a "**Trends Wall**" featuring the full range of design and materials possibilities for vehicle body panels, from the most conventional to the most innovative. Customization also includes exploring new uses that Plastic Omnium is revisiting through the functionalities offered by its modules. More specifically, the Group is presenting its **front trunk for electric vehicles, LID charging module** and **front-end module**. One out of five front-end modules

worldwide are made by Plastic Omnium, which offers up to 15,000 different combinations of 140 components.

**Discover our technologies and meet our teams on the Plastic Omnium booth:
Booth 2BD002, Hall 2.2, Shanghai, Chine.**

About Plastic Omnium

Plastic Omnium is a world-leading provider of innovative solutions for a unique, safer and more sustainable mobility experience. Innovation-driven since its creation, the Group develops and produces intelligent exterior systems, customized complex modules, lighting systems, clean energy systems and electrification solutions for all mobility players. With €9.5 billion economic revenue in 2022 and a global network of 150 plants and 43 R&D centers, Plastic Omnium relies on its 40,500 employees to meet the challenges of transforming mobility. Plastic Omnium is listed on Euronext Paris, compartment A. It is eligible for the Deferred Settlement Service (SRD) and is part of the SBF 120 and CAC Mid 60 indices (ISIN code: FR0000124570). www.plasticomnium.com

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