# Mahindra Racing strengthens GEN4 technical programme with Valeo as Official Performance and Engineering Partner

*Brand Auto*

*Author : mahindraadmin  Category : Brand Auto  Published : 11/20/2026*

- Valeo expands its strategic partnership with the Mahindra Group and becomes the Official Performance and Engineering Partner of Mahindra Racing for its Formula E GEN4 technical programme.
- The collaboration focuses on developing advanced software motor control algorithms and fine-tuning core hardware components.
- Building on Valeo's existing role as an eAxle supplier for Mahindra's production vehicles, the partnership bridges motorsport innovation with next-generation road mobility solutions.

**November 20, 2026 – PARIS, France —** Valeo, a global leader in automotive electrification, and Mahindra Racing, a founding team of the ABB FIA Formula E World Championship, today announce a major new technology partnership. Already the supplier of eAxle technology for Mahindra & Mahindra’s production vehicles, Valeo is extending its expertise to the Group's motorsport division, becoming the Official Performance and Engineering Partner of Mahindra Racing in Formula E and supporting the

team's development programme for the Gen4 era.

The partnership builds on the established relationship between Valeo and Mahindra Group, bringing together expertise from both road and track. As Mahindra Racing prepares for a new chapter in Formula E with the introduction of Gen4, Valeo will contribute its advanced engineering capabilities to support the ongoing development and optimisation of the team's electric powertrain. The collaboration further strengthens the connection between Mahindra's production vehicle technology and its motorsport programme, with innovation and performance at the heart of both.




## Cutting-edge software and hardware expertise driving performance

As part of this agreement, Valeo is deploying its research and development resources, drawing particularly on its state-of-the-art laboratories and

advanced technology centre located in Erlangen, Germany. This collaboration focuses on two key pillars to maximise the race car's performance:

- **Software Intelligence (Developing Advanced Motor Control Algorithms):** Valeo will work closely with Mahindra Racing to develop bespoke control algorithms designed to manage the electric motor with extreme precision. This ongoing development programme aims to optimise real-time energy management, unlock additional performance and minimise energy losses throughout the race. By combining Valeo's software engineering expertise with Mahindra Racing's motorsport experience, the collaboration will focus on developing innovative solutions to further enhance the performance and efficiency of the GEN4 powertrain.
- **Component Performance (Hardware improvement):** Valeo is providing the team with access to its high-precision test benches to test and fine-tune the powertrain's core electronic components. These advanced tests push the hardware to its full potential, ensuring maximum efficiency and reliability under extreme racing conditions.



**Dr. R. Velusamy, Chairman of the Board – Mahindra Racing UK said:**

"Mahindra has always believed in the power of motorsport to drive innovation beyond the racetrack. Our Race to Road philosophy is central to how we approach Formula E, using the championship as a platform to advance technologies and engineering capabilities that can contribute to the future of electric mobility. Our expanded partnership with Valeo is a strong example of this approach, bringing together the expertise of two organisations with a shared commitment to innovation and technological excellence. As we enter the Gen4 era, collaborations like this will be instrumental in strengthening the connection between our motorsport ambitions and the development of next-generation mobility solutions."

**Fred Bertrand – CEO & Team Principal, Mahindra Racing said:** "We are delighted to welcome Valeo as our Official Performance and Engineering Partner as we embark on the GEN4 journey. With an entirely new generation of race car comes significant engineering challenges and opportunities, and having access to Valeo's expertise in electrification, software development and powertrain optimisation will be an important asset to our programme. This partnership strengthens our technical capabilities and brings together two organisations with a shared ambition to push the boundaries of electric performance. We look forward to working closely with Valeo as we continue developing the M13Electro and build towards our ambitions for the new era."

**Xavier Dupont, Valeo Power Division Chief Executive Officer said:** "We are extremely proud to take this new step with the Mahindra Group. Supplying the eAxle for their production vehicles was an initial demonstration of our leadership in electrification. Joining Mahindra Racing in Formula E now allows us to bring our full software expertise to push electric motor management to its absolute limits. The control algorithms we are developing together for the track will accelerate the software innovations we will see on the road tomorrow. We look forward to seeing the Mahindra Racing car performance in the coming season."

## About Mahindra Racing Formula E Team

Mahindra Racing currently competes in the ABB FIA Formula E World Championship, having joined the FIA's all electric racing series as a founding team. The last remaining team on the grid in its original guise, Mahindra Racing has built an impressive legacy in Formula E, securing 7 E-Prix victories, 36 podiums and 16 pole positions.

At the heart of the team's philosophy is a commitment to innovation, with Formula E providing a platform to push the boundaries of electric mobility and accelerate the development of technologies that can translate from race track to road. Through this race-to-road approach, Mahindra Racing plays an important role in driving the evolution of Mahindra's electric vehicle technology, with learnings from the demands of elite motorsport helping to inform the future of road-going mobility.

Beyond performance and technological advancement, the team is equally committed to addressing the impact of climate change. Mahindra Racing was the first Formula E team to be awarded the FIA Environmental Accreditation Three-Star rating and continues to strive for best practice and excellence across its sustainability programme.

## Media Contact

Chloe Sharpe

Digital Manager & Communications Executive, Mahindra Racing

E-mail: chloe.sharpe@mahindraracing.com

## About Valeo

Valeo is a leading global technology company creating innovative solutions and systems for automotive and technology partners worldwide. Valeo is structured around its POWER, BRAIN and LIGHT Divisions, and Valeo Service, the augmented service partner, for the aftermarket and new forms of mobility.

Valeo is committed to making mobility safer, more sustainable and affordable to all. The Group is playing a vital role in shaping the Car of Tomorrow: which will be electrified, safer and software-defined. Valeo is leveraging its global industrial footprint and its technological leadership in electrification, advanced driver assistance systems, lighting and software to capture an increasing share of value per vehicle.

Valeo is listed on the Paris Stock Exchange.

Valeo in brief: €20.9 billion in sales in 2025 | 100,000 employees worldwide | 29 countries | 149 production plants | 59 R&D centers | 19 distribution platforms (as of February 26, 2026).

Learn more at www.valeo.com

Find all our press releases: https://www.valeo.com/en/press-releases/

## Media Contacts

Dora Khosrof | +33 7 61 52 82 75

Florentina Deca | +33 6 32 13 69 15

Caroline De Gezelle | +33 7 62 44 17 85

Clémence Le Roux | +33 6 12 18 26 00

E-mail: press-contact.mailbox@valeo.com

## Investor Relations

E-mail: valeo.corporateaccess.mailbox@valeo.com