



AMPERE

LAYING OF THE FOUNDATION STONE OF THE INNOVATION BATTERY CELL LABORATORY AT THE LARDY TECHNICAL CENTRE

- **Operational in 2025, this centre of excellence and innovation will enable prototyping and evaluation of battery cells and help anticipate technological breakthroughs.**
- **As a strategic tool and competitive factor, the laboratory will play a key role in the development of the next generations of electric vehicles of the Group's brands.**
- **With this Innovation Battery Cell Laboratory, Ampere strengthens its technological expertise and its mastery of the entire electric vehicle value chain.**

Boulogne-Billancourt, 25 March 2024

The construction of the Innovation Battery Cell Laboratory began this March at the Renault Group Technical Centre in Lardy, Essonne (France).

The laboratory will be fully operational in the second half of 2025, playing a key role in supporting the development of the next generations of the Group's electric vehicles. It will be strategic to define the best compromise between performance, cost, durability and safety of our future batteries and anticipate technological advances in the field of cells.

It will strengthen the expertise of Renault Group and its subsidiary Ampere in evaluating the processes of cell suppliers: identifying technological innovations and ensuring optimal quality and production levels, while controlling costs.

With a surface area of 3,000 m², on two levels, the building will house more than 120 equipments including a 600 m² anhydrous laboratory room; It will cover two complementary activities:

- A first activity of prototyping cells
- And a second electro-physico-chemical characterization activity allowing the evaluation of the performances and the behavior of the cells (durability, fast charge, disassembly and internal analysis of the cells, understanding of the mechanisms, etc.)

"The Innovation Battery Cell Laboratory will be a major asset for Ampere. It will contribute to the control of the electric vehicle value chain at a time when expertise in terms of battery technologies is a real factor of competitiveness." Philippe Brunet, SVP Powertrain & EV Engineering – Ampere

"The realization of this tool, at the forefront of innovation in equipment, represents a challenge for the teams of the Group's Testing Department. The Innovation Battery Cell Laboratory has all the new test technologies and equipment to integrate advances and anticipate battery chemistry." Sabine Calvo, VP Engineering Performance, Regulation, Validations & Digital Transformation – Renault Group

**About Ampere**

Ampere is the first European company specialising in electric vehicles and software. Part of Renault Group, Ampere designs, develops, manufactures and markets under the Renault brand full electric vehicles featuring cutting-edge software technology, accessible to all. The customer experience, as well as social and environmental impact, are embedded throughout the vehicle development process to ensure they align with the brand's commitment to its customers, the planet and those living on it. For more information, please visit ampere.cars or follow Ampere on Ampere sur [LinkedIn](#) and [X](#).

Contact- Olivia Bireaud – Communication manager Ingénierie Ampere – olivia.bireaud@renault.com - +33 6 71 63 25 71