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Gelion plc ("Gelion", the "Company" or the "Group")

Execution of Materials Testing Agreement with a Tier-One Battery Manufacturer

Gelion plc (AIM: GELN), the global energy storage innovator, is pleased to announce the execution of a Materials Testing Agreement (MTA) with a tier-one battery manufacturer. This follows the Company's announcement on 17 April 2025, in which it confirmed that the terms of the MTA had been agreed.

This agreement marks an important milestone for the Company and highlights industry recognition of Gelion's innovative sulfur battery technology by a leading global manufacturer.

Under the terms of the MTA, Gelion will supply materials to the manufacturer for independent testing and validation of performance characteristics. The agreement includes robust provisions to protect Gelion's intellectual property and confidentiality, ensuring the integrity of the Company's proprietary technology.

This collaboration represents a key step in fostering mutual understanding and technical alignment between the parties, with the objective of supporting potential commercial collaboration in the future.

Gelion continues to focus on advancing the commercial readiness of its sulfur battery platform and is encouraged by the growing interest from industry leaders seeking sustainable, high-performance energy storage solutions.

John Wood, CEO of Gelion said: "This agreement is consistent with the opportunity our world-class technology opens to work with leader from the existing supply chain. The commencement of evaluation and testing of our materials and technology by a Tier One cell manufacturer is a significant progression in our commercial roadmap and reflects emerging industry recognition of our sulfur battery platform. We are entering this phase with confidence, momentum, and the strategic focus to establish leadership for Gelion in next-generation energy storage."

This announcement contains inside information for the purposes of Article 7 of EU Regulation No. 596/2014, which forms part of United Kingdom domestic law by virtue of the European Union (Withdrawal) Act 2018, as amended.

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About Gelion

Gelion ("gel: ion") is a global energy storage innovator, supporting the transition to a more sustainable economy by commercialising globally important next generation battery technologies: Sulfur based, Lithium-Sulfur (LiS), Sodium-Sulfur (NaS) and Zinc-based (Zn) hybrid cells to electrify mobile and stationary applications. Gelion plc (the Group) is listed on the London Stock Exchange's Alternative Investment Market and wholly owns UK based OXLiD Ltd and Battery Minerals Ltd and Australia based Gelion Technologies Pty Ltd. Gelion is designing and delivering innovative battery technology to enable that transition and return value for its customers and investors.

Sulfur Batteries

Gelion's effort is directed at the potential for sulfur-based cathode active materials (CAMs) to deliver low-cost & sustainable batteries with compelling performance. In the case of Li-S batteries, the target is a high-performance light-weight battery for the EV and e-aviation market. In the case of Na-S batteries, the target is an ultra-low-cost advancement on batteries currently employed in the stationary storage and economy EV market. The company's overarching goal is to help make global transport, energy consumption and storage more sustainable.

Glossary

Ah	Ampere hours. A measure of capacity stored in the cell. The larger the number the higher the capacity.
Energy density (Wh/kg)	The ratio of energy stored per unit weight i.e. Watt-hours per kilogram. The higher the number the lighter the battery.
Pouch cell	An industry standard format of a battery which comprises a flat pouch-shaped design with a multi-layered laminate structure.
Cycle life	The number of full charge and discharge cycles a battery can complete before its capacity falls below a specified level, typically 80% of the original capacity. Higher cycle life indicates longer-lasting performance.

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