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

Senior Leadership Team Appointments

Gelion (AIM: GELN) the Anglo-Australian battery innovator, is pleased to announce the appointment of Dr Louis Adriaenssens as Chief Technological Officer (CTO) of Gelion plc and Dr Adrien Amigues as President of Gelion UK and Europe, with immediate effect.

Louis joins Gelion with exceptional experience in specialist battery innovation, manufacture and commercialisation, having most recently worked in Nevada as the Supervisor of Chemistry for Panasonic at the Tesla Gigafactory, where he and his team looked after the processes associated with the production of approximately 5 million battery cells per day. A contributing author/inventor of leading scientific articles and significant patents across the fields of materials chemistry, electrochemistry and synthesis, Louis will lead a technical team of over 20 PhD or graduate level engineers and scientists, across Australia and the UK stewarding a portfolio including 470 patents in 76 patent families (including new patents under application).

The appointment of a CTO comes at a pivotal time in the development of Gelion's Lithium-Sulfur (LiS) and Zinc-based (Zn) battery technologies and operational expansion into the UK and Europe. This follows the acquisition of OXLiD Ltd in November 2023, whose founder Dr Adrien Amigues will now take up the role of President of Gelion UK and Europe.

Gelion founder and Principal Technology Adviser, Professor Thomas Maschmeyer, will continue with all his leadership contributions and governance roles within the Group.

Gelion CEO John Wood commented: "Gelion has a clear development path for the next generation of batteries for the EV and energy storage markets, advancing technologies that offer performance, cost, and safety enhancements and use abundant materials. I am delighted to welcome a leader with Louis' expertise to the Gelion team.

"Indeed, Louis and Adrien's appointments further enhance our strong, established and focused leadership and management team at this pivotal next stage of our commercialization journey, which based on our technology development pathways, places us as a key player in UK/Europe."

Incoming CTO Dr Louis Adriaenssens commented: "I look forward to being able to leverage all of the experience I have gained with world-renowned universities and leading battery companies in my new role as CTO of Gelion. I am confident that my proven capability across all development areas including fundamental science, technology, production process and governance will enable me to successfully lead Gelion's drive to the commercial realisation of our exciting new technologies."

President of Gelion UK and Europe Dr Adrien Amigues commented "The need for a shift towards energy storage solutions that incorporate abundant materials and safe chemistries while performing at the highest level is becoming increasingly pertinent. The battery technologies that Gelion is bringing to market have game-changing attributes with unique potential to revolutionise the electrification of an extensive range of stationary and mobile applications. I am most grateful and excited to be given the opportunity to contribute to this journey with my new role as we strive to deliver the green energy solutions the world so desperately needs."

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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 two globally important next generation technologies: Lithium-Sulfur (LiS) 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 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.

Lithium Sulfur

Gelion's effort is directed at the potential for the LiS chemistry to deliver double the gravimetric energy density of standard Lithium-ion chemistries whilst at the same time reducing cost and increasing safety targeting the EV and e-aviation market, helping to make global transport, energy consumption and storage more sustainable.

Gelion is developing a product for its high energy density sulfur cathode at its expanded R&D facilities in Sydney, enabling it to integrate with a variety of anodes ranging from graphite to silicon to lithium metal, depending on the targeted application.

Gelion recently also expanded in the UK by acquiring OXLiD Ltd, significantly increasing Gelion's capability in cathode improvement thereby accelerating the path to commercial partners and commercialisation.

Zinc

Gelion is adapting its zinc technology to comprise an alternate cathode technology, a zinc hybrid cell to develop complementary next-generation batteries for the lead-acid eco-system. Early testing indicates that this solution has the potential to maintain good energy density levels with enhanced cost and safety aspects. Once fully developed, Gelion intends for our zinc technology to provide a durable and sustainable market extension within the ecosystem that supports lead-acid batteries.

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