

# Schlumberger Partners with Gradiant to Deliver Sustainable Production of Battery-Grade Lithium Compounds

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Collaboration aims to maximize mineral recovery and reduce environmental footprint

Schlumberger announced today that it has entered into a partnership with Gradiant, a global water solutions provider, to introduce a key sustainable technology into the production process for battery-grade lithium compounds.

As part of Schlumberger's NeoLith Energy direct lithium extraction (DLE) and production flowsheet, Gradiant technology is used to concentrate the lithium solution and generate fresh water-a critical element in sustainable lithium production from brine.

"Proper natural resource management is essential in mineral production, and nowhere more so than in lithium," said Gavin Rennick, president of Schlumberger's New Energy business. "The unprecedented growth in demand for this critical mineral requires high-quality production without compromising sustainability. The integration of Gradiant technology into our direct lithium extraction (DLE) flowsheet has been key in our strategy to improve sustainability in the global lithium production industry."

Gradiant's new solution enhances the impact of the sustainable lithium extraction process-reduced time-to-market and environmental footprint. The technology enables high levels of lithium concentration in a fraction of the time required by conventional methods, while also reducing carbon emissions, energy consumption, and capital costs when compared to thermal-based technologies. This technology integration can be applied into new lithium mineral extraction and production sites, opening opportunities to untapped lithium production regions, as well as existing lithium production operations.

The collaboration will enable the lithium industry to meet surging mineral demand with a previously unattainable level of water utilization, by simultaneously lowering the consumption of fresh water and reducing wastewater.

"We are excited to be working with Schlumberger, with whom we are pioneering a new era of sustainable mineral resource recovery," said Prakash Govindan, COO of Gradiant. "This is made possible by Gradiant's deep understanding of the complex chemistry that underlies the production processes, which is then operationalized by machine learning and digital technology. The sustainability impact of the integrated Schlumberger process, combined with Gradiant solutions, is a game-changer for the lithium production market. This strategic partnership will enable the global expansion of Gradiant's technology in this important industry."

## About Schlumberger

Schlumberger (NYSE: SLB) is a technology company that partners with customers to access energy. Our people, representing over 160 nationalities, are providing leading digital solutions and deploying innovative technologies to enable performance and sustainability for the global energy industry. With expertise in more than 120 countries, Schlumberger collaborates to create technology that unlocks access to energy for the benefit of all. In the world of new energy, Schlumberger leverages its intellectual and business capital to focus on low-carbon and carbon-neutral technologies, including ventures in the domains of hydrogen, lithium, energy storage, carbon capture, utilization and sequestration, geothermal power and geoenergy.

For more information, visit [www.newenergy.slb.com](http://www.newenergy.slb.com)

## About Gradiant

Gradiant is a global solutions provider for advanced water and wastewater treatment. With a full suite of differentiated and proprietary end-to-end solutions, powered by the top minds in water, Gradiant serves its clients' mission-critical operations in the world's essential industries. Gradiant was founded at the Massachusetts Institute of Technology (MIT) and is uniquely positioned to address the world's increasing challenges created by industrialization, population growth, and water stress. Today, with over 450 employees, Gradiant operates from its global headquarters in Boston, regional headquarters and global technology labs in Singapore, and offices across twelve countries.

For additional information, visit [www.gradiant.com](http://www.gradiant.com).

## Cautionary Statement Regarding Forward-Looking Statements

This press release contains "forward-looking statements" within the meaning of the U.S. federal securities laws - that is, statements about the future, not about past events. Such statements often contain words such as "expect," "may," "can," "estimate," "intend," "anticipate," "will," "potential," "projected" and other similar words. Forward-looking statements address matters that are, to varying degrees, uncertain, such as projected demand growth for battery-grade lithium, and other forecasts or expectations regarding global climate change. These statements are subject to risks and uncertainties, including, but not limited to, the inability to achieve net-negative carbon emissions goals; the inability to recognize intended benefits of the partnership; legislative and regulatory initiatives addressing environmental concerns, including initiatives addressing the impact of global climate change; the timing or receipt of regulatory approvals and permits; and other risks and uncertainties detailed in the companies' public filings, including Schlumberger's most recent Forms 10-K, 10-Q and 8-K filed with or furnished to the U.S. Securities and Exchange Commission. If one or more of these or other risks or uncertainties materialize (or the consequences of such a development changes), or should underlying assumptions prove incorrect, actual outcomes may vary materially from those reflected in our forward-looking statements. The forward-looking statements speak only as of the date of this press release, the parties disclaim any intention or obligation to update publicly or revise such statements, whether as a result of new information, future events or otherwise.

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