



4 April 2025

ALTECH – CERENERGY® BATTERY FEATURES AT HANNOVER INTERNATIONAL INDUSTRIAL FAIR

Highlights

- CERENERGY® Battery technology showcased at Hannover Messe 2025
- World’s leading industrial trade fair
- Featured in the Energy Storage Hall
- Significant attention from industry leaders, potential partners, and investors

Altech Batteries Limited (ASX: ATC, FRA: A3Y) is pleased to announce that the Company showcased its CERENERGY® Battery technology at the prestigious Hannover Messe 2025, the world’s leading industrial trade fair. The event, which annually attracts over 200,000 visitors and 6,500 exhibitors from across the globe, provided Altech with a prime platform to introduce CERENERGY® to key stakeholders in the energy storage sector.

Altech’s CERENERGY® was prominently featured in the Energy Storage Hall, drawing significant attention from industry leaders, potential partners, and investors eager to explore next-generation solutions for clean energy storage. The company’s participation is part of a broader strategic effort to secure a strong commercial partner to help accelerate the commercialization of its sodium-alumina solid-state battery technology.



Throughout the event, Altech held numerous high-level meetings with representatives from energy companies, industrial manufacturers, and strategic investors looking to tap into the rapidly growing energy storage market. The response has been overwhelmingly positive, reflecting strong global demand for advanced battery technologies that can deliver high performance while reducing reliance on critical raw materials such as lithium and cobalt.

The Hannover Messe exhibition comes at a time when Germany is ramping up its defense and clean energy investments, driven in part by growing geopolitical uncertainties and the ongoing EU:US trade war. With energy security becoming a top priority, Altech's CERENERGY® technology aligns perfectly with Europe's strategic push towards energy independence and industrial resilience.



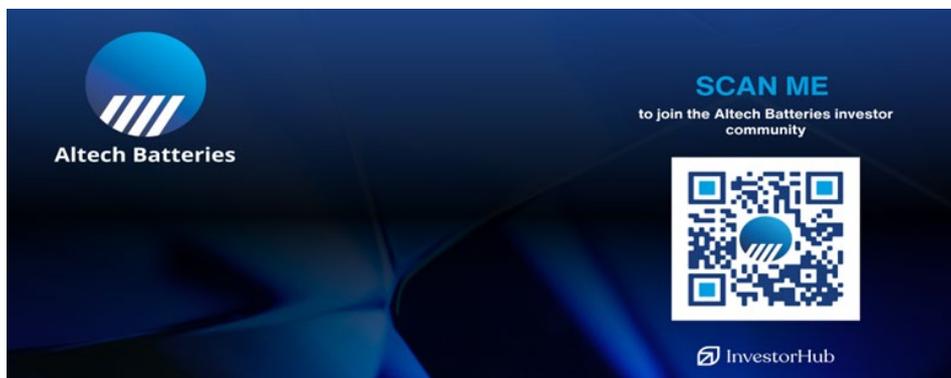
Group Managing Director Iggy Tan said “We are delighted by the level of interest in our CERENERGY® battery technology at Hannover Messe. The feedback we’ve received from potential partners and industry players has been extremely encouraging. As countries and industries accelerate their transition towards renewable energy, we see CERENERGY® as a game-changer in providing cost-effective, safe, and sustainable battery solutions.”

End

Authorised by: Iggy Tan (Managing Director)

Altech Batteries Interactive Investor Hub

Altech's interactive Investor Hub is a dedicated channel where management interacts regularly with shareholders and investors who wish to stay up-to-date and to connect with the Altech Batteries leadership team. Sign on at our Investor Hub <https://investorhub.altechgroup.com> or alternatively, scan the QR code below.



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For more information, please contact:

Corporate

Iggy Tan

Managing Director
Altech Batteries Limited
Tel: +61 8 6168 1555
Email: info@altechgroup.com

Martin Stein

CFO & Company Secretary
Altech Batteries Limited
Tel: +61 8 6168 1555
Email: info@altechgroup.com

About Altech Batteries Ltd (ASX:ATC) (FRA:A3Y)

CERENERGY® Batteries Project

Altech Batteries Ltd is a specialty battery technology company that has a joint venture agreement with world leading German government battery institute Fraunhofer IKTS (“Fraunhofer”) to commercialise the revolutionary CERENERGY® Sodium Chloride Solid State (SCSS) Battery. CERENERGY® batteries are the game-changing alternative to lithium-ion batteries. CERENERGY® batteries are fire and explosion-proof; have a life span of more than 15 years and operate in extreme cold and desert climates. The battery technology uses table salt and is lithium-free; cobalt-free; graphite-free; and copper-free, eliminating exposure to critical metal price rises and supply chain concerns.

The joint venture is commercialising its CERENERGY® battery, with plans to construct a 120 MWh production facility on Altech’s land in Saxony, Germany. The facility intends to produce CERENERGY® battery modules to provide grid storage solutions to the market.



Silumina Anodes™ Battery Materials Project

Altech Batteries has licenced its proprietary high purity alumina coating technology to 75% owned subsidiary Altech Industries Germany GmbH (AIG), which has finalised a Definitive Feasibility Study to commercialise an 8,000tpa silicon alumina coating plant in the state of Saxony, Germany to supply its Silumina Anodes™ product to the burgeoning European electric vehicle market.

This Company’s game changing technology incorporates high-capacity silicon into lithium-ion batteries. Through in house R&D, the Company has cracked the “silicon code” and successfully achieved a 30% higher energy battery with improved cyclability or battery life. Higher density batteries result in smaller, lighter batteries and substantially less greenhouse gases, and is the future for the EV market. The Company’s proprietary silicon product is registered as Silumina Anodes™.

The Company is in the race to get its patented technology to market, and recently announced the results of a Definitive Feasibility Study for the construction of a 8,000tpa Silumina Anodes™ material plant at AIG’s 14-hectare industrial site within the Schwarze Pumpe Industrial Park in Saxony, Germany. The European silicon feedstock supply partner for this plant will be Ferroglobe. The project has also received green accreditation from the independent Norwegian Centre of International Climate and Environmental Research (CICERO). To support the development, AIG has commenced construction of a pilot plant adjacent to the proposed project site to allow the qualification process for its Silumina Anodes™ product. AIG has executed NDAs with German and North American automakers and battery material supply chain companies.

