



Altech Batteries
Limited

ASX ANNOUNCEMENT AND MEDIA RELEASE

13 January 2026

ALTECH – SILUMINA ANODES™ BATTERY MATERIALS R&D LABORATORY REPOSITIONED TO GERMANY

Highlights

- The Silumina Anodes™ pilot plant is constructed and operated at Altech's premises in Saxony, Germany
- Strategic decision to transfer the R&D laboratory from Perth to Germany
- Location of laboratory and pilot plant in close proximity anticipated to benefit R&D testwork, the operation of pilot plant as well as provide cost benefits
- Appointment of new German based Chief Technology Officer (previous employee of Fraunhofer Institute)

Altech Batteries Ltd ("Altech" or "Company") is pleased to announce that in order to maximise support for its Silumina Anodes™ pilot plant in Saxony, Germany, the R&D laboratory will be transferred from Perth to Germany and repositioned. This is anticipated to provide operational, R&D and cost benefits to the Company.

The Silumina Anodes™ battery materials project involves game changing technology incorporating 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.

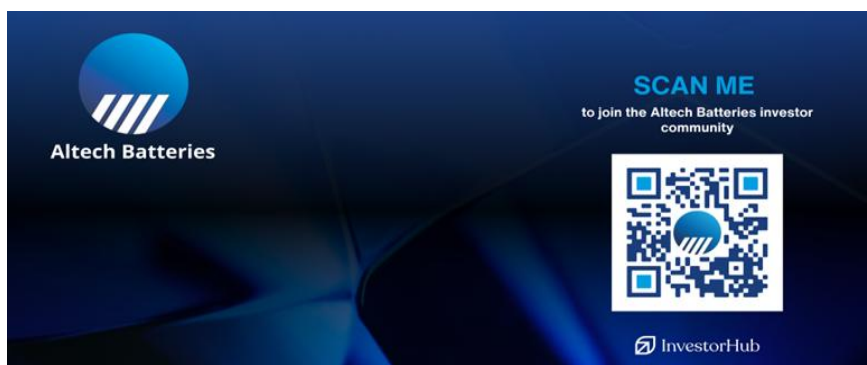
Altech has signed non-disclosure agreements with world leading automobile companies in Germany and the USA to supply commercial samples of the Silumina Anodes™ material for the prospective customers for in-house testing.

In conjunction with the repositioning of the R&D laboratory, Altech is pleased to announce that it has appointed German based Dr Luise Bloi as its new Chief Technology Officer. Dr Bloi has a Master of Science (M. Sc.) in Chemistry and has completed her PhD studies in Chemistry on "Carbon-based Anodes for Lithium All Solid-State Battery Concepts". Dr Bloi has collected broad experience in the battery field working with Skeleton Technologies, ACC Automotive Cells Company and as a previous employee of the Fraunhofer Institute, Altech's joint venture partner in the CERENERGY® Sodium-Chloride Solid-State (SCSS) battery project."

Authorised by: The Board

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.



For more information, please contact:

Corporate

Daniel Raihini

Managing Director

Altech Batteries Limited

Email: info@altechgroup.com

Martin Stein

CFO & Company Secretary

Altech Batteries Limited

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 Ltd has licenced its proprietary high purity alumina coating technology to 100% 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 has completed a Definitive Feasibility Study for the construction of a 8,000tpa Silumina Anodes™ material plant at AIG's 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.

Silumina Anodes™