



# Argentina sicona battery technologies

What is a sicona battery?

About Sicona Sicona develops next-generation battery materials technology used in the anodes (negative electrodes) of lithium-ion ("Li-ion") batteries that enable electric-mobility and storage of renewable energy.

What makes sicona a good battery anode?

By leveraging silicon metal Sicona delivers high performance battery materials at mass market scale, without costing the earth. Sicona's SiC<sub>x</sub>(TM) battery anode materials enable improved performance of today's Lithium-ion batteries at unmatched price and scale.

Who tipped \$22 million into sicona battery technologies?

Investors led by Indian chemical conglomerate Himadri Speciality Chemical and Australian venture capital firm Artesian have tipped \$22 million (USD 14.9 million) into Wollongong-based Sicona Battery Technologies in support of its work with battery density-boosting technology developed at the University of Wollongong.

Could sicona be a game-changer for lithium-ion batteries?

Sicona is working to commercialise its high-capacity silicon anode technology which has been flagged as a possible game-changer for lithium-ion (Li-ion) batteries that dominate the electric vehicle (EV) and renewable energy storage market.

Why is sicona a sustainable battery?

Responsible Consumption and Production of renewable energy is enabled and accelerated by our sustainable battery technology. Sicona's SiC product will reduce irresponsible reliance, production and consumption of fossil fuels in the transport industry, and accelerate the transition to global electrification and a sustainable energy future.

What is sicona's unique silicon-graphite anode product?

Sicona's unique silicon-graphite anode products solve the technical challenges experienced by using silicon in a battery but at a fraction of the cost of competing approaches due to our simple and scalable production process. We are taking multiple products to market, including the binder system, conductive carbons and active anode materials.

3 ???&#0183; LONDON--(BUSINESS WIRE)--Rio Tinto has approved \$2.5 billion 1 to expand the Rincon project in Argentina, the company's first commercial scale lithium operation, ...

Our innovative SiC<sub>x</sub>(TM) battery materials technology delivers +20% increase in energy density over conventional graphite-only Lithium-ion battery cells. By leveraging silicon metal Sicona delivers high



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performance battery materials at ...

New funds to be used to accelerate commercial development plans in the US . SYDNEY, June 14, 2023 /PRNewswire/ -- Sicona Battery Technologies ("Sicona") today announced it has raised AU\$22 million ...

SICONA SET TO BECOME THE LARGEST PRODUCER OF SILICON CARBON ANODE MATERIALS IN THE UNITED STATES. SYDNEY, April 22, 2024 /PRNewswire/ -- Sicona Battery Technologies, an Australian battery ...

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Australian battery material start-up Sicona Battery Technologies will accelerate commercial development plans both here and in the United States after securing financial support from a group of international investing heavyweights for its silicon-composite anode technology designed to improve the performance of lithium-ion batteries.

Helping Sicona Battery Technologies plan the construction of an electric vehicle battery component manufacturing site in the United States Bechtel was awarded a contract by Sicona Battery Technologies to perform an engineering study for a U.S. manufacturing plant that will produce the cutting-edge battery anode components needed for electric ...

4 ???&#0183; Rio Tinto has approved A\$2.5 billion to expand the Rincon project in Argentina, the company's first commercial scale lithium operation, demonstrating its commitment to building a world-class battery materials portfolio. Rincon's capacity of 60,000 t of battery grade lithium carbonate per year is comprised of the 3,000 t starter plant and 57,000 t expansion plant.Read ...



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