

What makes sicona a good battery material?

Our innovative battery materials technology delivers an +20% increase in energy density and an +40% increase in the charge rate over conventional graphite-only Lithium-ion battery cells. By leveraging silicon metal, Sicona delivers high performance battery materials at mass market scale, without costing the earth.

What is sicona battery technology?

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.

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.

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_x(TM) battery anode materials enable improved performance of today's Lithium-ion batteries at unmatched price and scale.

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.

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.

Sicona Battery Technologies | 4,798 followers on LinkedIn. Sicona leverages low cost and abundant silicon metal to develop next-gen battery materials in this generation.

Meet Sicona, an EV battery technologies company commercialising next-generation materials to supercharge lithium battery performance. Read more. stay in the loop. Subscribe to our newsletter for all the latest insights, opportunities and announcements!

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SICONA MISSION. The Sicona mission is to: Help overcome Electric Vehicle (EV) range anxiety! Reduce costs of EVs and renewable energy storage . Play a part in the reduction of carbon ...

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 ...

SYDNEY, Aug. 11, 2021 /PRNewswire/ -- Sicona Battery Technologies Pty Ltd ("Sicona"), a groundbreaking battery materials technology company, has successfully raised AU\$3.7 million in a pre-Series ...

Sicona Battery Technologies, an Australian battery materials innovator, today announced its expansion into the fast-growing United States battery component market with the development of its first commercial production facilities in the south-eastern United States near the geographic heart of the growing U.S. battery and electric vehicle manufacturing hub.

Australian battery materials developer Sicona Battery Technologies announced on Wednesday the closing of a AUD-22-million (USD 14.9m/EUR 13.8m) Series A financing round, securing capital to advance its commercial development plans at home and the US.

Our innovative SiC_x battery materials technology delivers +20% increase in energy density over conventional graphite-only Lithium-ion battery cells. By leveraging silicon metal Sicona delivers high performance battery materials at ...

Sicona Battery Technologies is a company that develops and manufactures lithium-ion batteries. It offers silicon-carbon anode materials. The company serves mobility and energy storage applications. Type Private Status Active Founded 2019 HQ Wollongong, AU | ...

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.

Sicona develops next generation battery technology used in the anodes of lithium-ion batteries that enable electric-mobility and storage of renewable energy. Sicona's silicon-composite anode technology delivers up to 233% higher capacity than conventional graphite anodes.

Wollongong-based Sicona Battery Technologies, which is developing a silicon composite material that

improves the performance of batteries used for electric vehicles (EVs) and energy grids, announced it is moving forward with the development of a production plant in the southeast of the United States to take advantage of the booming battery and EV market.

Sicona leverages low cost and abundant silicon metal to develop next-gen battery materials in this generation. Because today is just in time. ... Sicona Technologies Inc. (US Subsidiary) Postal Address 5865 Ridgeway, Center Parkway, Suite 300, Memphis, TN 38120, United States.

Australian battery materials developer Sicona Battery Technologies Pty Ltd has completed a pre-Series A funding round, raising AUD 3.7 million (USD 2.7m/EUR 2.3m), it said on Thursday. Batteries, CC0 licensed from Pixabay.

This latest capital injection follows the company's \$1m seed round in July 2020, the award of a \$704k "Accelerating Commercialisation" Grant by the Australian Federal Government in November 2020, and Sicona's participation in the prestigious Startmate accelerator in its Summer 2021 climate technology cohort.

SYDNEY, Oct. 10, 2021 /PRNewswire/ -- Sicona Battery Technologies Pty Ltd ("Sicona"), a groundbreaking battery materials technology company, has executed a non-binding heads of agreement (the "HoA ...

Wollongong-based Sicona Battery Technologies, which is developing a silicon composite material that improves the performance of batteries used for electric vehicles (EVs) and energy grids, announced it is ...

Recently, Sicona Battery Technology announced it had raised AU\$22 million in Series A funding which will be used to further the company's development plans both in Australia and the United States.

SYDNEY, April 23, 2024 /PRNewswire/ -- Sicona Battery Technologies, an Australian battery materials innovator, today announced its expansion into the fast-growing United States battery component ...

Sicona develops next generation battery technology used in the anodes of lithium-ion batteries. Search Crunchbase. Start Free Trial . Chrome Extension. Solutions. Products. Resources. Pricing. Resources. ... Sicona Battery Technologies is funded by 9 investors. Waratah Capital Advisors and Chaos Ventures are the most recent investors. Unlock ...

Sicona's high energy density and unmatched low-cost battery anode technology enables Electric Vehicles to be more energy efficient and affordable with: Up to 50% increase in battery energy density; and; Up to a 30% reduction in the cost/kwh of energy storage compared to traditional Li-ion batteries with pure graphite anodes.

Der australische Materialentwickler und Produzent Sicona Battery Technologies hat seine Expansion in den US-amerikanischen Markt angekündigt, indem er die Entwicklung seiner ersten kommerziellen Produktionsanlage im Südosten der Vereinigten Staaten bekannt gab. Das Unternehmen plant eine

Produktionsanlage für Silizium-Kohlenstoff ...

Sicona Battery Technologies (Sicona) is a Sydney based battery technology company. Sicona develops next generation battery technology used in the anodes (negative electrodes) of lithium-ion ("Li-ion") batteries that enable electric-mobility and storage of renewable energy. Sicona is commercialising an innovative silicon-

Sicona Battery Technologies plans to build a plant in the southeastern US that will produce 6,700 metric tons of silicon-based materials for battery anodes per year.

Australia's Sicona plans US silicon anode manufacturing facility. May 14, 2024. Australia's Sicona plans US silicon anode manufacturing facility Posted Australian battery materials producer Sicona Battery Technologies plans to expand into the US battery component market by developing a commercial production facility somewhere in the southeastern US.

Materials Scientist at Sicona Battery Technologies · Shuai got his PhD degree of Material Science at Wollongong University, Australia. He has professional skills within a diverse educational background from China, Norway, and Australia. Shuai has a very strong preference for hands-on lab work with a record of achievement in the areas of Li-ion batteries, silicon ...

Sicona, founded in June 2019 by experienced entrepreneur, Christiaan Jordaan, and Andrew Minett, a highly credentialed materials scientist, is developing next-generation battery technology used in the anodes (negative ...

New funds to be used to accelerate commercial development plans in the US . SYDNEY, June 15, 2023 /PRNewswire/ -- Sicona Battery Technologies ("Sicona") today announced it has raised AU\$22 million ...

SYDNEY, Aug. 12, 2021 /PRNewswire/ -- Sicona Battery Technologies Pty Ltd ("Sicona"), a groundbreaking battery materials technology company, has successfully raised AU\$3.7 million in a pre-Series ...

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

Sicona develops silicon-composite anode materials used in lithium-ion (Li-ion) batteries that enable electric mobility and storage of renewable energy. The company has a ...

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