Sicona battery technologies Azerbaijan

What is sicona battery technology?

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-composite battery anode technology,developed and perfected over the last ten years at the Australian Institute

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 metalSicona delivers high performance battery materials at mass market scale,without costing the earth

What makes sicona a good battery anode?

By leveraging silicon metalSicona delivers high performance battery materials at mass market scale,without costing the earth. Sicona's SiCx(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 energyis 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.

Why should you choose sicona for your next-gen battery?

Accelerating the world towards an electrified future. Sicona leverages low cost and abundant silicon metal to develop next-gen battery materials in this generation. Because today is just in time. Supercharging next-gen Lithium-ion batteries. Compared to conventional graphite-only Lithium-ion battery cells.

How many investors does sicona battery technologies have?

Sicona Battery Technologies has 9 investorsincluding Waratah Capital Advisors and Chaos Ventures. How much funding has Sicona Battery Technologies raised to date? Sicona Battery Technologies has raised When was the last funding round for Sicona Battery Technologies?

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 ...

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

electrodes) of lithium-ion ("Li-ion") batteries that enables electric mobility.

Sicona is commercialising innovative silicon-composite anode technology that . delivers up to 233% higher specific capacity than graphite only anodes . Sicona will licence or produce & sell high performance active anode materials into the . $125bn Li-ion battery market. Traction and clear development path with ~50,000tpa of joint development ...

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The company"s battery materials technology delivers an increase in energy density and reduces the cost of energy storage compared to conventional graphite-only Lithium-ion battery cells by leveraging silicon metal, it provides these benefits to all-electric vehicles, enabling users to unlock faster battery charging rates.

Our innovative SiCx(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 performance battery materials at mass market scale, without costing the earth.

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.

Sicona produces Silicon-Carbon (Sicona SiCx) anode materials that deliver a 20%-plus increase in energy density over conventional graphite-only Lithium-ion battery cells and reducing charge times by more than 40%.

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