SICONA WELCOMES CO-FOUNDER AND CHIEF
TECHNICAL OFFICER, DR ANDREW MINETT

Highly experienced materials scientist and device engineer joins the Sicona
team in its push to produce next generation battery anode materials for the
rapidly growing lithium-ion battery market.

SYDNEY, Australia. February 6, 2020. Sicona Battery Technologies Pty Ltd
(“Sicona”), a Sydney based battery technology startup, announced today that it has
appointed materials scientist and engineer, Dr Andrew Minett as co-founder and
Chief Technology Officer (CTO).

Andrew is a materials scientist and device engineer with 20 years’ experience
following his graduation with a PhD in Materials Chemistry from the University of
Wollongong (Australia). Andrew is an expert in designing materials and interfaces
for alternative energy applications; including primary and secondary battery
systems, fuel cells, electrolyser and photo-electrodes. He has extensive knowledge
of intelligent materials and systems, the ability to control and understand charge
over a range of length scales and the knowledge of integrating those materials into
real-world devices.

He spent 7-years as the Director of The Laboratory for Sustainable Technology, at
the University of Sydney, where he furthered his materials knowledge by gaining
experience in the design and implementation of industrial-scale processes. During
that time and subsequently, Andrew has been engaged by start-up companies to help up-scale laboratory-based findings into commercial scale products and
processes.

Andrew has collaborated and consulted to a range of industry partners, including
Hazer Group [ASX:HZR] and Zenogen (Australia) on electrodes for hydrogen
production, Gelion (Australia) on battery electrodes, Intel (Ireland) on active
elements for the electronics industry [integrated circuits and communications],
Media Lab Europe [future nanoelectronics], Dow Chemical [intelligent materials]
and Cap-XX Australia (advanced materials for energy storage).

Sicona founder and CEO, Christiaan Jordaan commented “We are very excited to
have Andrew join the Sicona team. His extensive experience with advanced
materials and scaling up of laboratory processes to pilot and commercial scale
industrial operations will be instrumental in the development of Sicona’s innovative
silicon-composite materials”.

About Sicona

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’s core business is the commercialisation of an innovative silicon–composite battery anode technology, developed and perfected over the last ten years at the Australian Institute for Innovative Materials (AIIM). Sicona’s silicon–composite anode technology delivers up to 177% higher capacity than conventional “graphite–only” batteries and its anode materials can deliver up to 75% higher cell energy density than current Li-ion batteries.

Sicona uses off the shelf equipment in a highly scalable and efficient manufacturing process to produce its active anode materials and polymer binders.

Sicona intends to licence and/or produce and sell high performance active anode materials into the US$125bn Li-ion battery market through a focused partnership approach with established and reputable anode, natural and synthetic graphite and carbon companies.

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