

Press Release

ShawKwei & Partners invests in Group14 Technologies, Inc.

Singapore, 25 September 2023: ShawKwei & Partners, an Asian private equity investor, announces a US\$34.3 million investment into [Group14 Technologies, Inc.](#) (“Group14”), an American company established in 2015. Group14 developed and now manufactures an advanced silicon battery technology for lithium-ion batteries used in electric vehicles (EVs) and electronic products and devices. Most of the lithium-ion batteries in today’s EVs use anodes made of graphite, which comes mainly from China. By using silicon for the battery anode material instead of the more common graphite, Group14’s technology produces a lithium-silicon battery with significantly higher energy density and faster charging time.

Group14 shareholders include Porsche AG, BASF, Cabot Corp., Resonac (formerly known as Showa Denko), SK Materials (a subsidiary of South Korea’s SK Group), as well as Microsoft Climate Innovation Fund, Lightrock Climate Impact Fund, Moore Strategic Ventures, Oman Investment Authority, OMERS Capital Markets, and Decarbonization Partners.

Group14’s patented silicon-carbon composite technology, SCC55™, is already shipping from its first factory in Washington State to lithium-ion battery producers around the world. Group14 is constructing a second US-based commercial-scale-factory in Moses Lake, Washington and completing the commissioning of its joint venture factory in South Korea with SK Materials.

In July 2023 Group14 acquired Schmid Silicon Technology Holding GmbH (Schmid Silicon) with its technologically advanced silane gas plant in Spreetal (Schwarze Pumpe), Germany. Group14 now has a secure supply of ultra-high-purity and low-carbon silane gas, which is a critical precursor for its silicon battery technology, SCC55™. Moreover, the acquisition of the facility and capabilities will insulate Group14’s customers and partners from potential supply chain disruptions, particularly in the automotive industry, and provide for integrated silicon battery technology manufacturing in Europe.

Kyle Shaw, Founder and Managing Partner of ShawKwei & Partners said, "Our investment into Group14 follows the successful exit from ShawKwei’s investment with Schmid Silicon and its related group companies. We see efficient and fast-charging batteries as critical to the clean energy transition in Asia as well as the USA and Europe. Group14 is an excellent addition to ShawKwei & Partners’ other energy investments and exemplifies our strategy to invest in cutting-edge science and capabilities to accelerate decarbonization and support the energy transition to a more sustainable future."

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About ShawKwei & Partners

ShawKwei & Partners is private equity investor with offices in Singapore, Hong Kong, San Francisco, and Shanghai managing industrial and energy businesses in Asia, the USA, and Europe. After investing, ShawKwei & Partners strives to identify and realize sustainable performance improvements in sales growth, margin expansion, and capital efficiency.

Kyle Shaw established ShawKwei & Partners in 1998 after previously managing Asian private equity funds for the Tudor Investment Group and Security Pacific National Bank. Past investments include the energy engineering solutions business of the CR3 Group; the energy and chemical decontamination business of ZymeFlow; the beauty and health packaging business of the ICONS Group; the Chinese adhesives manufacturer YongLe Tape; the Singapore precision engineering manufacturer Beyonics; the German designer and manufacturer of capital equipment for PCB's, solar cells, and lithium batteries Schmid Group, as well as being the founding shareholder of the American and Asian electronics contract manufacturer Flex Ltd (previously Flextronics).

For more information

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