



Takasago invested in 3DC Inc. who produce GMS for Conductive Additives

Takasago Industry Co., Ltd. (Head office: Toki City, Gifu Prefecture, President and CEO: Tatsuya Suzuki) announces its investment in 3DC Inc. (Head office: Sendai City, Miyagi Prefecture, CEO: Takuma Kuroda, CSO: Hirotomo Nishihara), a startup from Tohoku University engaged in developing and producing conductive additives for lithium-ion batteries using the next-generation carbon material "Graphene Mesoporous Sponge (GMS)."

3DC's "functional conductive additive" using GMS has been shown to significantly improve the lifespan, capacity, and output of batteries by resolving conventional trade-offs in battery electrodes. The company has already supplied samples to many global corporations, including Tier 1 battery suppliers.

In addition to its business in functional conductive additives for lithium-ion batteries, 3DC is pursuing the development of high-capacity silicon-based anode materials and advanced electrode manufacturing applications.

With the vision of "realizing batteries as energy infrastructure (as a common asset for the Earth and humanity) through innovation in materials and electrode manufacturing," the company strives to contribute to energy transition through element technology based on Japan's battery technology. Takasago Industry strongly resonates with this growth potential and has decided to make this investment.

Founded in 1953 in industrial furnace manufacturing, Takasago Industry now provides one-stop services, from contract testing to design, prototyping, mass production, installation, trial runs, and after-sales support, for various heat treatment needs.

In recent years, the company has expanded its presence in next-generation mobility and environmental fields, including heat treatment equipment for automotive secondary batteries and recycling.

Through this investment, Takasago aims to integrate advanced battery capabilities with thermal processing technology, contributing to the foundation of next-generation manufacturing.

At the same time, the company supports the growth and challenges of young engineers and researchers, aiming to create a new model for supporting global startups.