



News

March 28, 2019

CYBERDYNE, INC.
Tsukuba Bank, Ltd.
National Institute for Material Science (NIMS)
Materials Innovation Tsukuba Co. Ltd.

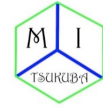
CYBERDYNE and Tsukuba Bank announce to jointly provide business and capital support for development of power storage device by “Material Innovation Tsukuba”

As part of the endeavor based on the comprehensive partnership to develop the local community by solving social problems and creating new industry, CYBERDYNE, INC. [Tsukuba, Ibaraki, President and CEO: Yoshiyuki Sankai (hereinafter, “CYBERDYNE”)] and Tsukuba Bank, Ltd. [Tsuchiura, Ibaraki, President: Masami Fujikawa (hereinafter, “Tsukuba Bank”)] announced to jointly provide business and capital support to Materials Innovation Tsukuba Co. Ltd. [Tsukuba, Ibaraki, Representative Director: Sojun Matsumura (hereinafter “MI Tsukuba”)], which is an accredited venture of National Institute of Material Science (Tsukuba, Ibaraki, President: Kazuhito Hashimoto (hereinafter “NIMS”) as stated below.

MI Tsukuba is a venture company aiming to widely spread the research outcome of NIMS in society through prototyping, manufacturing, and sales of new high-performance materials such as graphene. Especially, the company works on commercialization of a power storage device applying High Performance Graphene Supercapacitor which is the research result of Advanced Low-Dimensional Nanomaterials Group (Group Leader: Tang Jie (Director and CTO of MI Tsukuba)), Center for Green Research on Energy and Environmental Materials. As the device could realize small, compact, safe to use product that could be charged in reduced amount of time, this device is anticipated to be a key component for competitiveness of Internet of Humans/ Internet of Thing (IoH/IoT) products by realizing super miniaturization, weight reduction, enhancement of usability (reduction of charging time), and securing safety.

NIMS acknowledges MI Tsukuba as a NIMS-originated venture company and supports providing the office in NIMS Sengen district and benefit of using research facility.

CYBERDYNE and Tsukuba Bank will utilize its specialties to support the business of MI Tsukuba. For example, CYBERDYNE will form a business and capital alliance with MI Tsukuba in order to accelerate the development of Graphene Supercapacitor that is anticipated to be the key parts (power storage device) for Cybernic Industry.



CYBERDYNE will also support MI Tsukuba through its business network. Tsukuba Bank will consider investing in MI Tsukuba and also provide various business supports through its knowledge of start-up support and local network of human resources.

<About Materials Innovation Tsukuba Co. Ltd. (MI Tsukuba)>

MI Tsukuba is established in October 2017 aiming to develop, manufacture, sell functional nanomaterials such as graphene and the power storage device applying these materials which are the outcome of NIMS research. The company was acknowledged as NIMS-originated venture company and started receiving support from NIMS in November. Graphene power storage device (Graphene Supercapacitor) consists of novel material structure owning 28 registered patents and its storage performance is significantly higher than the conventional super capacitor. Production technology of graphene storage device has already been established for stable production and the company currently works on preparation of production and sales of graphene storage device.