



News Release (December 24, 2024)

Toyo Kohan's All-Solid-State Battery Negative Electrode Current Collector Development Certified Under the Ministry of Economy, Trade, and Industry's Supply Assurance Plan for Batteries

Toyo Kohan Co., Ltd. ("Toyo Kohan"; President: Masahiro Kai), a consolidated subsidiary of Toyo Seikan Group Holdings, Ltd. (Tokyo 5901; President: Ichio Otsuka), has been certified as qualifying for the Ministry of Economy, Trade, and Industry's supply assurance plan for batteries. This certification, made on December 20, 2024, is based on the company's efforts in developing all-solid-state battery* negative electrode current collectors at the company's Kudamatsu Plant in Yamaguchi Prefecture.

Toyo Kohan aims to make the most of the government support available following the certification by investing in the future mass production of at least 3 GWh/year of batteries by the end of the 2027 fiscal year. The company will thus contribute to the widespread adoption of long-life, high-efficiency, all-solid-state batteries and the strengthening of the supply chain for battery component materials.

* In contrast to conventional batteries with liquid electrolytes, all-solid-state batteries have solid electrolytes and are composed entirely of solid materials. They are considered next-generation batteries due to their superior safety, minimal risk of leakage or fire, and greater durability and performance, which surpass those of conventional batteries.

■ Supply Assurance Plan for Batteries

The Japanese government recognizes batteries as crucial resources in its drive to achieve carbon neutrality by 2050 and is working to expand the domestic battery industry's supply chain and enhance its competitiveness. In accordance with the Act on the Promotion of Economic Security, the Ministry of Economy, Trade, and Industry has established guidelines for ensuring the stable supply of batteries and is strengthening the production infrastructure for batteries, battery components, and manufacturing equipment, which have been specifically designated as important materials.

Companies that are part of the supply assurance plan for batteries of the Ministry of Economy, Trade, and Industry can receive financial support through grants from the New Energy Development Organization (NEDO), a national research and development agency.

Ministry of Economy, Trade, and Industry Website: Ensuring the Stable Supply of Batteries (Japanese only)

https://www.meti.go.jp/policy/economy/economic_security/battery/index.html

About Toyo Kohan Co., Ltd.

Founded in 1934 as the first private steel-rolling mill in Japan, Toyo Kohan uses unique iron-rolling and surface-treatment technologies that have been developed throughout the company's history. Applying these technologies, we have expanded into non-ferrous products, such as aluminum and resin, and continue to provide a range of products and services that support people's lives.

The value of Toyo Kohan lies in our pursuit of the possibilities of technology to create new value and contribute to the development of society alongside our customers. We will continue to take on technological challenges and provide our customers with unique products and services that contribute to a safe, secure, and prosperous life and the realization of a sustainable society. For more information, please visit <https://www.tkworks.jp/en/>.

About Toyo Seikan Group Holdings, Ltd.

Toyo Seikan Group Holdings, Ltd. is a world-class comprehensive packaging manufacturer that delivers a variety of packaging containers using materials such as metal, plastic, paper, and glass. In our Long-Term Management Vision 2050, “The Future, Wrapped for All,” we set a goal to go beyond our traditional field of packaging, aiming to become a corporate group that creates new value that changes society. Founded in 1917, Toyo Seikan Group Holdings, Ltd. conducts business on a global scale, with 44 group companies in Japan and 47 overseas, and currently employs a multinational workforce of 20,000 people. For more information, please visit <https://www.tskg-hd.com/en>.

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