

July 3, 2024
TOYO TANSO CO., LTD.
(Stock Exchange Code: 5310, Prime Market, Tokyo Stock Exchange)

**Research and development of non-fossil raw materials for graphite materials
selected as a research theme under NEDO Feasibility Study Program/Feasibility
Study Program on New Technology Program**

TOYO TANSO CO., LTD. (Head Office: Kita-ku, Osaka; Chairman, President and CEO: Naotaka Kondo; hereinafter referred to as “the Company”) is pleased to announce that “Research and development of non-fossil raw materials for graphite materials” (hereinafter, “the Research”) has been proposed and adopted as a research theme for the R&D project, “Development of Innovative Technology for Producing Synthetic Graphite to Escape Dependence on Fossil-Derived Raw Materials” as part of the NEDO Feasibility Study Program / Feasibility Study Program on New Technology (hereinafter, “the Program”) for FY2024*. The Program is run by the New Energy and Industrial Technology Development Organization (hereinafter, “NEDO”). The Company is engaging in the Research together with the National Institute of Advanced Industrial Science and Technology (AIST; President and CEO: Kazuhiko Ishimura), SEC CARBON, LIMITED (President: Koh Nakajima), and NIPPON STEEL Chemical & Material Co., Ltd. (Representative Director and President: Akio Migita).

With the ultimate aim of giving birth to new industries and realizing a decarbonized society, the Program seeks to discover and foster elemental technologies that can be expected to have practical application and be implemented in society after 2040 by conducting a feasibility study that can lead to joint industry–academia research, including national projects.

As a manufacturer that specializes in highly functional carbon, the Company works to develop granulation and pulverization technologies of raw materials such as graphite precursors and graphite powders. The aim is to maintain and improve quality stability in synthetic graphites. We are also engaged in material recycling R&D for used graphite products. We engage in technology development for reducing waste from a variety of approaches, including turning used graphite back into a raw material with granulation, or finding secondary uses for waste materials. By applying such powder control technologies and waste usage technologies, we aim to make used graphite materials the foundation of synthetic graphite materials and establish chemical recycling technologies.

Through the Research, the Company aims to link up with other participating companies in order to have synthetic graphite materials made from non-fossil sources implemented in society by 2040, and to contribute to carbon neutrality by 2050.

*Note: Program website

https://www.nedo.go.jp/koubo/SM3_100001_00062.html

Project Name	Feasibility Study Program on Energy and New Environmental Technology / [I-M1] Development of Innovative Technology for Producing Synthetic Graphite to Escape Dependence on Fossil-Derived Raw Materials
Selected Theme	Research and development of non-fossil raw materials for graphite materials
Organizations Involved	<ul style="list-style-type: none">• National Institute of Advanced Industrial Science and Technology (AIST)• TOYO TANSO CO., LTD.• SEC CARBON, LIMITED, I'MSEP Co., LTD.• NIPPON STEEL Chemical & Material Co., Ltd.
Implementation period	Up to 3 years, starting from FY2024

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