

October 23, 2026

For the attention of all parties concerned:

Yokohama National University
Toyo Tanso Co., Ltd.

**Yokohama National University and Toyo Tanso Establish the
“Toyo Tanso Advanced Ceramics Joint Research Laboratory”**

Yokohama National University (Location: Hodogaya-ku, Yokohama City; President: Izuru Umehara) and Toyo Tanso Co., Ltd. (Head Office: Kita-ku, Osaka; Chairman, President and CEO: Naotaka Kondo; hereinafter “Toyo Tanso”) announced the establishment of the “Toyo Tanso Advanced Ceramics Joint Research Laboratory” effective October 1, 2026.

For many years, Toyo Tanso has contributed to industrial development through the development and manufacture of carbon materials, particularly high-performance graphite, and the provision of products and technologies to a wide range of industrial sectors. In recent years, as operating environments have become increasingly severe and performance requirements have diversified, the range of applications for graphite materials has continued to expand. At the same time, demand is growing for the development of composite materials combining graphite with inorganic materials such as ceramics, as well as for the development of high-performance materials utilizing these composites. To respond to these changes, it has become increasingly important to further strengthen the technological foundation for materials development.

In light of these market conditions and technology trends, Yokohama National University and Toyo Tanso have established a joint research laboratory in the field of inorganic materials, including ceramics, with the aim of enhancing their research and development capabilities to support future product development and business growth.

The Tatami-Iijima Laboratory at Yokohama National University conducts research on enhancing ceramic performance through advanced powder processing, including carbon-ceramic composite technologies, as well as on establishing the scientific basis for the mechanical reliability of ceramics. Toyo Tanso and the Tatami-Iijima Laboratory have been exploring opportunities for collaboration since 2025. In the newly established joint research laboratory, the two parties will draw on the Tatami-Iijima Laboratory’s extensive expertise and core technologies spanning multiple areas of ceramics research to advance both fundamental and applied research in materials design, microstructural control, and manufacturing processes. These efforts are expected to contribute not only to further improvements in the performance of existing materials but also to the

development of new materials and products.

Furthermore, by accumulating and advancing the research findings and knowledge gained through this joint research, Yokohama National University and Toyo Tanso will seek to strengthen the foundational technologies in the field of inorganic materials. In addition, by combining Toyo Tanso's expertise in carbon materials with Yokohama National University's advanced research capabilities in inorganic materials, the joint research laboratory will pursue the development of next-generation materials and technologies for a broad range of applications, including the energy, semiconductor, environmental, and industrial equipment sectors.

■ Overview of the Joint Research Laboratory

Name	Toyo Tanso Advanced Ceramics Joint Research Laboratory
Location	Faculty of Environment and Information Sciences, Yokohama National University
Duration	October 1, 2026 – September 30, 2028
Principal Investigator	Professor Junichi Tatami, Yokohama National University
Specially Appointed Professor	Akira Kondo (Toyo Tanso Co., Ltd.)

Contact for Inquiries Regarding This Announcement

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Toyo Tanso Co., Ltd.

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