

The Best Partner of
Energy, Water and Environment

MIURA



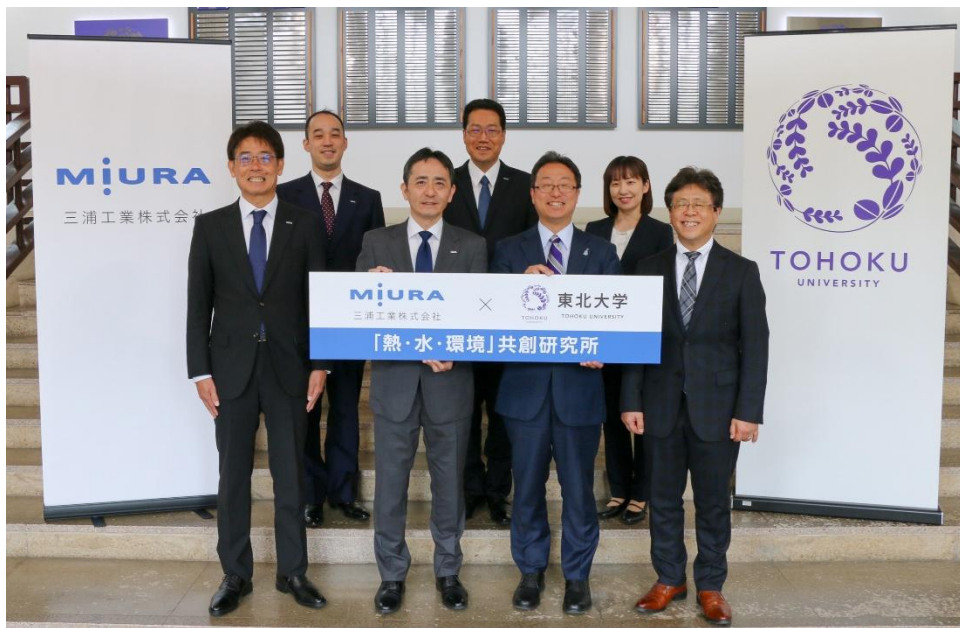
東北大学
TOHOKU UNIVERSITY

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MIURA CO., LTD. and Tohoku University Establish a Co-creation Research Center for “Energy, Water, and the Environment”

On June 1, industrial boiler manufacturer MIURA CO., LTD. (Tokyo Head Office: Minato-ku, Tokyo; President & CEO: Tsuyoshi Yoneda; hereinafter referred to as “MIURA”) and National University Corporation Tohoku University (Location: Sendai City, Miyagi Prefecture; President: Teiji Tominaga; hereinafter referred to as “Tohoku University”) established the “MIURA x Tohoku University Co-creation Research Center for ‘Energy, Water, and the Environment’” with the goal of creating new value in the fields of energy, water, and the environment.

The aim of the Co-creation Research Center is to generate highly promising research themes with a view toward practical societal implementation by linking apparent and latent challenges faced in the industry with the research strengths of Tohoku University, thereby enabling industry and academia to work together from the conceptual and exploratory stages of research.



▲ Front row from left: MIURA CO., LTD. Chief Engineer Masaki Takai, Managing Executive Officer & CTO Yasuo Nogami, Tohoku University Executive Vice President for Industry-University Collaboration Tsuyoshi Toyama, Professor of Graduate School of Engineering Koshi Adachi

Back row from left: MIURA CO., LTD. Motoki Okumura, Chief Engineer Kenji Yasui, Senior Engineer Tomoko Naito

Background and goals of establishment

As we work to achieve a decarbonized society and sustainable manufacturing, the challenges confronting the industrial sector, including efficient energy use, securing safe, stable water resources, and reducing environmental impact, are becoming more complex every year. Although to date MIURA has provided products and services related

to energy, water, and the environment across entire factories and plants in the industrial sector, focusing on boilers and water treatment, we believe that in order to address these societal challenges, we must create new value that goes beyond simple extensions of existing technologies. The Co-creation Research Center aims to combine MIURA's data, know-how, and insights into the challenges faced in industrial settings with the results of cutting-edge research at Tohoku University, in order to generate research themes that will contribute to future commercialization and product development, and develop these into joint research efforts.

Co-creation Research Center overview

| | |
|-----------------------|---|
| Name | MIURA x Tohoku University Co-creation Research Center for "Energy, Water, and the Environment" |
| Activities | <p>The Center links apparent and latent needs connected to MIURA's future vision with the research strengths of Tohoku University to identify research partners and identify the functions and technologies needed to realize that vision, as well as specific solutions to issues that may impede progress. Through these efforts, the Center will promote progress from feasibility verification to joint research.</p> <p>Priority areas of research for co-creation activities</p> <ol style="list-style-type: none"> 1. Heat and energy 2. Water and the environment 3. Information and automation technologies |
| Operational structure | <p>Operation Manager: Masaki Takai, Specially Appointed Professor (R&D Division, MIURA)</p> <p>Operation Support Manager: Koshi Adachi, Professor (Graduate School of Engineering, Tohoku University)</p> |
| Location | Engineering Laboratory Complex Building, Graduate School of Engineering, Tohoku University |
| Term | June 2026 to May 2029 |

Future developments

The Co-creation Research Center will develop research themes in stages, from the creation of research themes through feasibility verification, and then on to joint research. Tohoku University and relevant MIURA business divisions will work together to bring the prototypes and core technologies resulting from this joint research into practical use in society as unique, distinctive technologies and products. Through its activities, the Center will promote ongoing interaction with university faculty members and researchers, thereby contributing to the development of the next generation of engineers and researchers.

▼Inquiries

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