

Launch of Comprehensive Collaboration with the University of Tokyo's Research Center for Advanced Science and Technology to Solve Future Social Issues
Towards the creation of further innovations in areas such as carbon neutrality and measures addressing climate change

March 25, 2025
Osaka Gas Co., Ltd.

Osaka Gas Co., Ltd. (Representative Director and President: Masataka Fujiwara, hereinafter “Osaka Gas”) today concluded a comprehensive collaboration agreement with the Research Center for Advanced Science and Technology of the University of Tokyo (Director: Masakazu Sugiyama, hereinafter “RCAST”) with the aim of solving social issues in areas such as carbon neutrality, measures against climate change, and healthcare. The collaboration is scheduled to begin on April 1, 2025 and is expected to create further innovations by combining the strengths of both entities and utilizing Osaka Gas's new R&D base.¹

Through this collaboration, the company will create research and development themes that it would not be able to develop alone, and through exchanges between the two parties, it will foster researchers and form a network.



At the ceremony celebrating the comprehensive collaboration (March 25, 2025)
From left, Masakazu Sugiyama, Director of the University of Tokyo's Research Center for Advanced Science and Technology, and Tetsuji Morita, Senior General Manager of the Energy Technology Laboratories, Osaka Gas

1. About RCAST²

RCAST is the newest affiliated research institute of the University of Tokyo. Since its establishment in 1987, it has been conducting interdisciplinary research activities that transcend the boundaries between the humanities and sciences in six categories: materials, environment and energy, information, biomedical chemistry, barrier-free research, and social sciences.

Additionally, the center is the only research institute affiliated with the University of Tokyo that offers a doctoral program, and it is committed to cultivating talent with the ability to generate innovation.

2. Background to the Conclusion

Osaka Gas believes that creating innovation through industry-academia collaboration is important to “co-create value for a sustainable future³ that contributes to resolving social issues,” as set out in the Daigas Group Medium-Term Management Plan 2026.

The exchange with RCAST began in 2024. While initially receiving academic guidance in the field

of meteorology and other areas, Osaka Gas has deepened its collaboration with RCAST; in October 2024, Osaka Gas became a member of the Climate Change Actions with Co-Creation Powered by Regional Weather Information and E-technology (ClimCORE),⁴ a JST Program on Open Innovation Platforms for Industry-academia Co-creation (COI-NEXT), which RCAST heads, to improve the accuracy of wind power generation forecasts.

Osaka Gas has now decided to enter into a comprehensive collaboration agreement with RCAST in order to further develop this collaboration and continue to work toward solving various social issues.

3. Overview of the Collaboration

The main focus of this collaboration will be on creating new research themes that will lead to further innovations. The collaboration will involve utilizing the company's new research and development base, which is scheduled for completion in fiscal 2025 and will also be developed as a place for external collaboration, as well as promoting mutual interaction between researchers from both entities through lectures and events. Furthermore, Osaka Gas will pursue new research themes and develop them into collaborative research projects, with the aim of implementing them in society.

[Overview of the Collaboration Agreement]

Item	Description
Name	Comprehensive collaboration agreement between the University of Tokyo's Research Center for Advanced Science and Technology and Osaka Gas Energy Technology Laboratories to solve future social issues
Activity period	Multi-year period from April 1, 2025
Collaboration details	<ul style="list-style-type: none"> ① Creating new research themes that lead to further innovations ② Joint research on the newly created research themes ③ Information dissemination and mutual exchange through lectures and events ④ Establishment of a co-creation lab at the new R&D base

1: Establishment of a New R&D Base in the Torishima District (released on April 19, 2022)

https://www.osakagas.co.jp/en/whatsnew/_icsFiles/afieldfile/2022/05/02/220419.pdf

2: Click here for more information about RCAST:

<https://www.rcast.u-tokyo.ac.jp/en/index.html>

3: The Daigas Group will create new value through collaboration to solve social issues, as expressed by the following phrases: "Achieving a low-carbon/carbon-neutral society," "Establishing lifestyles and businesses adjusted to the new normal," and "Enhancing the resilience of customers and society."

4: Click here for more information about ClimCORE:

<https://climcore.rcast.u-tokyo.ac.jp/en/>