

【MIRAIT ONE Corporation】**MIRAIT ONE to Exhibit at Expo 2025 in Osaka, Kansai, Japan “Future Society Showcase Project; Future Life Experience” Limited Period Exhibition**

MIRAIT ONE Corporation (head office: Koto-ku, Tokyo; President and Chief Executive Officer: Toshiki Nakayama; "MIRAIT ONE") will participate in Expo 2025 in Osaka, Kansai, Japan “Future Society Showcase Project; Future Life Experience”^{*1} limited-period exhibition from Tuesday, October 7 to Monday, October 13, 2025. MIRAIT ONE, together with its group company KINKIDENKI Co., Ltd. (head office: Izumi-shi, Osaka; President and Chief Executive Officer: Akihiro Nakamura; “KINKIDENKI”), will exhibit “Development and Demonstration of Multi-Filling System with Filling Temperature Control for Small Hydrogen Containers and Development and Demonstration of Use of Hydrogen-powered Micromobility.” This is one part of Osaka Prefecture’s exhibition. At this booth, visitors will be able to experience technologies from 10 companies in six fields that contribute to carbon neutrality, developed under Osaka Prefecture’s “Carbon Neutral Technology Development and Demonstration Project”^{*2}.

MIRAIT ONE’s “Development and Demonstration of Multi-Filling System with Filling Temperature Control for Small Hydrogen Containers and Development and Demonstration of Use of Hydrogen-powered Micromobility,” is a three-year project launched in FY2022 with the aim of realizing a hydrogen society, a key to carbon neutrality. We have been carrying out the project plan under the themes of developing a filling system for small hydrogen containers and creating a supply chain for the product, developing hydrogen fuel cell drones powered by hydrogen, and promoting the widespread use of hydrogen-powered micromobility and small fuel cells. At the Expo, we plan to introduce the results of our work by showing a video introducing a future society that hydrogen will bring and displaying related models. In terms of roles in the development and demonstration, MIRAIT One is overseeing the entire demonstration as the representative operator, while KINKIDENKI is in charge of filling and transport demonstrations as the joint operator.

We will work with the Osaka Prefectural Government to promote this initiative so that visitors can experience a future society that has achieved carbon neutrality.

An outline of the exhibition is shown in the Appendix.

Future Life Experience*¹

Various participants bring a wide variety of questions and proposals based on the concept of “future life (food, culture, healthcare)” to generate dialogue among participants and visitors, providing a place for everyone to imagine and co-create the future society together.

Carbon neutral technology development and demonstration project*²

A project set out by Osaka Prefecture to encourage companies to take advantage of the opportunities presented by Expo 2025 in Osaka, Kansai to develop and demonstrate cutting-edge technologies ^{(Note}

¹⁾ that contribute to carbon neutrality.

(Note 1) Among “4. Potential core measures” in the “Revised <Expo 2025 Green Vision>” compiled by the Japan Association for the 2025 World Exposition in April 2022, which outlines the directions and measures to be taken regarding decarbonization and resource recycling for the Expo, technologies related to energy, operation, and venue development are mainly assumed.

<About MIRAIT ONE Corporation>

Founded in 1946, MIRAIT ONE is a company engaged in building and maintaining various types of social infrastructure with a history spanning approximately 80 years. Based on the wealth of experience and technical expertise we have accumulated in the construction of telecommunications infrastructure, in recent years we have been creating and maintaining society’s infrastructure in the energy and transportation fields. By leveraging our technologies in communications, electricity, architecture, civil engineering and other fields, we are working on urban and regional development that connects to the future, including implementing DX in communities and businesses and promoting the use of green energy. Based on our purpose of “co-creating an exciting future through challenges and technology,” we aim to create new value that enriches people’s lives and realize a sustainable society.

<Appendix>

1. Date: From Tuesday, October 7, 2025, to Monday, October 13, 2025
2. Location: Site of Expo 2025 in Osaka, Kansai (West Gate side)
Future Life Village, Future Life Experience
3. Organizer: Japan Association for the 2025 World Exposition
[Official website of Japan Association for the 2025 World Exposition \(press release\) \(link to an external site\)](#)
4. Details of Osaka Prefecture's exhibition:

Exhibiting company/Project name	Technical field of exhibition
1) Smart Design Co., Ltd. Development and demonstration of a fuel cell ship equipped with next-generation solar cells and an energy management system	Energy management
2) Kansai Catalyst Co., Ltd., Big Bang Co., Ltd. Development and demonstration of a tar-reforming catalyst for power generation and biomass gasification power generation systems	Renewable energy
3) Renaissance Energy Research Co., Ltd. Development and demonstration of next-generation biogas power generation using a high-efficiency methane fermentation system and membrane separation	Renewable energy
4) Sumitomo Electric Industries, Ltd., Kansai Innovation Center Development and demonstration of CO ₂ capture and recycling technology and equipment to produce carbonated metal powder, and commercialization of products made from carbonated metal powder	CO ₂ capture
5) Tiger Corporation Development and demonstration of stainless-steel-sealed, long-life, nonflammable vacuum insulation panel technology	Energy-saving
6) MIRAKOTO Co., Ltd. Demonstration testing project on "smart management," an automatic air conditioning control system using natural energy	Energy-saving
7) Green Methanation Institute, Inc., Shingu Energy Co. Ltd., TN Plan, Ltd. Development and demonstration of SOEC (solid oxide electrolysis cell) hydrogen production equipment	Hydrogen
8) MIRAIT ONE Corporation, KINKIDENKI Co., Ltd. Development and demonstration of a multi-filling system with filling temperature control for small hydrogen containers and development and demonstration of use of hydrogen-powered micromobility	Hydrogen

9) Koushi Chemical Industry Co., Ltd.

Recycling

Development and commercialization demonstration project for the advancement of eco-materials using waste materials

10) Microwave Chemical Co., Ltd.

Recycling

Development and demonstration of a small decentralized chemical recycling system using microwave heating technology

(Note 2) Technical fields of exhibition and exhibiting companies are listed in Japanese alphabetical order.

(Note 3) This is an exhibition plan and is subject to change.