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To the press

AEON MALL Co., Ltd.

Kansai Airports

SAFFAIRE SKY ENERGY

REVO International Inc.



## Household waste cooking oil bins to be installed at five AEON MALLs in Osaka Prefecture

AEON MALL Co., Ltd., Kansai Airports, SAFFAIRE SKY ENERGY, and REVO International Inc. are collaborating to install household waste cooking oil bins at five AEON MALLs in Osaka Prefecture, starting from early January 2025. The collected household waste cooking oil will be recycled as Sustainable Aviation Fuel (SAF).

This initiative is part of the “Fly to Fly Project” proposed by JGC Holdings Corporation involving around 170 companies and municipalities to achieve a decarbonized society through domestic resource recycling. Kansai Airports, which operates the three airports in the Kansai region, reached out to these companies to collaborate on this initiative.

SAF is a sustainable fuel that is expected to significantly reduce CO<sub>2</sub> emissions towards decarbonization in the aviation sector, but securing sufficient amounts of waste cooking oil as a raw material is one of the challenges.

This time, REVO International will collect household waste cooking oil from bins and transport it to SAFFAIRE SKY ENERGY’s first large-scale SAF production plant in Japan, which is scheduled to start operations in fiscal 2025. The collected oil will be used as a raw material for domestic SAF production. In Sakai City of Osaka Prefecture, where the SAF production plant will be built, and at AEON MALLs located in Sennan City and Izumisano City near Kansai International Airport, we will establish collection points to gather household waste cooking oil from customers, and make efforts to address the challenges of securing raw materials by increasing the amount of waste cooking oil collected for SAF production. At the same time, we will aim to reduce local waste and promote a society where waste is recycled as a resource.

At AEON MALLs serving as collection points, we will promote the “Town Action!” initiative with the local community to realize a sustainable society. This initiative is part of three environmental goals proposed by AEON MALL: “Achieving a Decarbonized Society,” “Realizing a Circular Mall,” and “Conserving Biodiversity.” As malls where various resources converge, we aim to create a “Circular Mall” that serves as a starting point for a society where resources and the economy circulate, in collaboration with customers, specialty stores, and the local communities.

### Overview

**Start date:** Mid-January 2025.

Note: The installation at AEON MALL Saki Teppo-cho will be on November 22, 2024.

The installation date will be announced on each AEON MALL official website once confirmed.

**Location:** Five AEON MALLs in Osaka Prefecture

AEON MALL Sakaikita Hanada (Kita Ward, Sakai City),  
AEON MALL Sakai Teppo-cho (Sakai Ward, Sakai City),  
AEON Fujiidera Shopping Center (Fujiidera City),  
AEON MALL Rinku Sennan (Sennan City),  
AEON MALL Hineno (Izumisano City)

**Items to be collected:** Household waste cooking oil (only edible oil from households can be collected.)

Note: Animal fats such as lard and beef tallow, mayonnaise, dressings, mineral oils, and oils from non-household sources are not collected.



An image of a collection bin

## Kickoff event for household waste cooking oil collection

- On November 22, 2024, a kickoff event to collect household waste cooking oil was held at AEON MALL Sakai Teppochō to commemorate the launch of this initiative. In addition to four companies collaborating on this initiative, the event was attended by representatives from Sakai City, businesses that have signed a partnership agreement with Sakai City to promote recycling of waste cooking oil, and the Japan Association for the 2025 World Exposition.



【Group photo of Kickoff event household waste cooking oil collection】



【A photo of collecting the household waste cooking oil】

## Contact

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## Reference

### About Sustainable Aviation Fuel (SAF)

- SAF is a type of sustainable aviation fuel that includes biojet fuel. It is produced using raw materials such as waste cooking oil, sugarcane, and other biomass fuels, as well as municipal waste. SAF can be used without any changes to aircraft or refueling facilities, and it can reduce CO<sub>2</sub> emissions by about 60 to 80% over the entire lifecycle from production to use.

- Ministry of Land, Infrastructure, Transport and Tourism: “Carbon neutrality in the sky - Promoting the Introduction of SAF and decarbonizing the aviation sector”

URL: <https://www.mlit.go.jp/koku/jigyousha.html#saf>

### Overview of Japan's first large-scale SAF production project

- JGC Holdings and REVO International together with Cosmo Oil Co., Ltd., are advancing the commercialization of the supply chain for SAF, from the collection of waste cooking oil to the production, transportation, and supply of SAF in Japan. In 2022, they established a new company, SAFFAIRE SKY ENERGY, aiming to supply approximately 30,000 kiloliters of SAF annually, using only waste cooking oil generated in Japan as raw material. This project is a subsidized project selected by NEDO. (New Energy and Industrial Technology Development Organization)

\*NEDO website: [https://www.nedo.go.jp/koubo/FF3\\_100312.html](https://www.nedo.go.jp/koubo/FF3_100312.html)



SAF production plant to be completed in Sakai, Osaka  
(at Cosmo Oil Sakai Refinery)



Facility for receiving waste cooking oil as SAF raw material  
(at Cosmo Oil Sakai Refinery)