

14 July 2025

KIX introduces hydrogen fuel cell bus

For KIX tours, Senshu Region sightseeing, and Expo 2025 visits

Kansai Airports is pleased to announce the introduction of a hydrogen-powered fuel cell (FC) minibus* in collaboration with KISHIWADA KANKO BUS CO. LTD.

This is the second FC bus operating at Kansai International Airport (KIX), following the introduction of the "SORA" fixed-route bus, which has been serving as an inter-terminal shuttle since 2022. The newly introduced FC minibus is notable for its capability to operate on expressways, making it the first of its kind in the Kansai region. It is also set to become the first FC bus in Japan to be used for tourism purposes, not only for airport tours but also for sightseeing in the Senshu region and for trips to the Expo 2025 Osaka, Kansai, Japan.

As the FC bus emits no CO₂ or other environmentally harmful substances during operation, it is expected to contribute to the realization of "Green Expo" and "Smart Mobility Expo," which are part of the Expo's future society showcase themes.

Kansai Airports Group has been taking a range of initiatives to reduce its environmental impact, such as using renewable energy and hydrogen, in line with its long-term vision of achieving net-zero greenhouse gas emissions by 2050. We remain committed to fostering proactive communication with all stakeholders involved in the airport and surrounding regions, contributing to the realization of a sustainable society.

* A hydrogen-powered fuel cell bus operates using an electric motor, which is powered by electricity generated through a chemical reaction between hydrogen and oxygen in the air. It emits no CO₂ or other environmentally harmful substances during operation. This bus has been jointly funded by Kansai Airports and KISHIWADA KANKO BUS CO. LTD. with subsidies provided by the Ministry of the Environment and Osaka Prefecture.

FY2023 (supplementary budget) Commercial Vehicle Electrification Promotion Project (Taxis and Buses)
Subsidy for Promoting the Transition to a Decarbonized Growth-Oriented Economic Structure, administered by the Ministry of the Environment, Japan.

https://ataj.or.jp/subsidy/efv-f_taxibus_r5/

Subsidy for FY2024 Decarbonization Promotion Project for Bus Operators in Connection with the Expo, administered by the Osaka Prefectural Government.

https://www.pref.osaka.lg.jp/o120020/eneseisaku/banpaku_bus/index.html

Contact:

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Overview of the bus

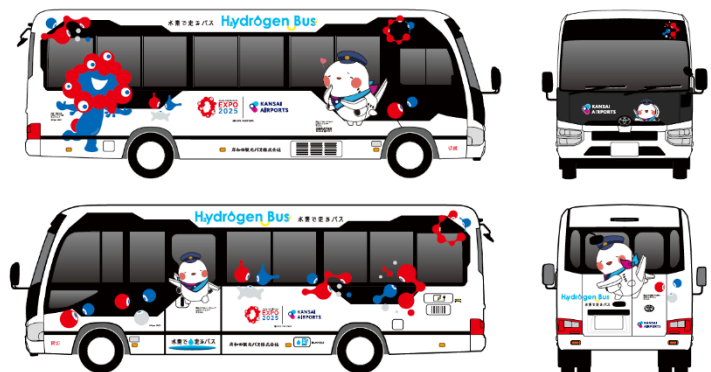
The vehicle is based on the Toyota Coaster and equipped with FC system from the Toyota MIRAI, delivering excellent environmental performance along with low noise and low vibration.

Seating capacity	Up to 22 passengers (including 4 auxiliary seats)
Cruising range	Approximately 380 km
Maximum speed	95 km/h (capable of operating on expressways)
Hydrogen storage capacity	9.7 kg at 70MPa
Power supply capacity	AC100V:1500w × 6 sets (6 external outlets, multiple internal outlets) DC (CHAdeMO): 9 kw

Exterior of the bus



Photo of the actual bus



Graphic design on the bus

Contact for Fuel Cell Minibus Service Applications

KISHIWADA KANKO BUS CO. LTD.

4-281-3 Isonokami-cho, Kishiwada-shi, Osaka

TEL: 072-436-2222 FAX: 072-436-2223

E-mail: travel2@kishikan.co.jp

Business hours: Monday to Saturday, 9:00 – 17:30

Note: Closed on Sundays and national holidays



Kansai Airports was established by a consortium made up of VINCI Airports and ORIX Corporation as its core members. Kansai Airports took over the operations of Kansai Itami Airport ("KIX") and Osaka Itami Airport ("ITAMI") from New Kansai International Airport Company ("NKIAC") and has been operating the two airports since 1 April 2016. Kansai Airports Kobe, Kansai Airports' wholly-owned subsidiary, took over the operations of Kobe Airport ("KOBE") from Kobe City and started its business as an operating company on 1 April 2018. Under the concept of "One Kansai Airports Group", Kansai Airports group strives to continuously improve its services for all airport guests through appropriate investments and efficient operations, with safety and security being the top priority. Kansai Airports group aims to maximize the potential of the three airports, for the benefit of the communities they serve. For more information, please visit : <http://www.kansai-airports.co.jp/en/>

Kansai Airports

Location	1-banchi, Senshu-kuko kita, Izumisano-shi, Osaka	Shareholders	ORIX 40%, VINCI Airports 40%, Other investors 20% ¹
Company Representatives	Representative Director and CEO: Yoshiyuki Yamaya Representative Director and Co-CEO: Benoit Rulleau		
Business Scope	Operation and management services, etc. of Kansai International Airport and Osaka International Airport		

Kansai Airports Kobe

Location	1-ban, Kobe-kuko, Chuo-ku, Kobe-shi, Hyogo	Shareholder	Kansai Airports 100%
Company Representatives	Representative Director and CEO: Yoshiyuki Yamaya Representative Director and Co-CEO: Benoit Rulleau		
Business Scope	Operation and management services, etc. of Kobe Airport		



ORIX Group was established in 1964 and is a corporate group active around the world in financing and investment, life insurance, banking, asset management, real estate, concession, environment and energy, automobile-related services, industrial/ICT equipment, ships and aircraft. We operate in around 30 countries and regions with approximately 34,000 people. We unite globally around our Purpose: "Finding Paths. Making Impact.", combining diverse expertise and innovative thinking to help our world develop in a sustainable way. For more information: <https://www.orix.co.jp/grp/en/>



VINCI Airports, as the leading private airport operator in the world, manages the development and operation of more than 70 airports located in 14 countries. VINCI Airports draws on its expertise as a comprehensive integrator to develop, finance, build and operate airports, leveraging its investment capability and know-how to optimise operational performance and modernise infrastructure while bringing about their environmental transition. In 2016, VINCI Airports became the first airport operator to commit to an international environmental strategy, setting itself the aim of reaching zero net emissions across the network by 2050. For more information: www.vinci-airports.com

¹ ASICS Corporation; Iwatani Corporation; Osaka Gas Co., Ltd.; Obayashi Corporation; OMRON Corporation; The Kansai Electric Power Company, Incorporated; Kintetsu Group Holding Co., Ltd.; Keihan Holdings Co., Ltd.; Suntory Holdings Limited; JTB Corp.; Sekisui House, Ltd.; Daikin Industries, Ltd.; Daiwa House Industry Co., Ltd.; Takenaka Corporation; Nankai Electric Railway Co., Ltd.; NIPPON TELEGRAPH AND TELEPHONE WEST CORPORATION; Panasonic Holdings Corporation; Hankyu Hanshin Holdings, Inc.; Rengo Co., Ltd.; The Senshu Ikeda Bank, Ltd.; Kiyo Holdings, Inc.; The Bank of Kyoto, Ltd.; THE SHIGA BANK, LTD.; The Nanto Bank, Ltd.; Nippon Life Insurance Company; Mizuho Bank, Ltd.; Sumitomo Mitsui Trust Bank, Limited; MUFG Bank, Ltd.; Resona Bank, Limited; and the Private Finance Initiative Promotion Corporation of Japan.