



Trial Operations of Hydrogen Fuel Cell Bus at Kansai International Airport

Kansai Airports, with the cooperation of Toyota Motor Corporation, Nankai Bus Co., Ltd., Iwatani Corporation and the government of Osaka, will begin trial operations to assess the feasibility of a hydrogen fuel cell-powered bus (FC bus) at Kansai International Airport.

These operations will use a type of FC buses introduced into the market in February of this year by Toyota Motor Corporation, and will represent the first use of these buses in western Japan.

During the trial period, the vehicle will be used for a trial ride event at the "Kanku Tabihaku 2017" (Travel Expo) as well as for trial operations to the Terminal 2 Building. Hydrogen fuel will be provided to the bus from the "Iwatani Hydrogen Refueling Station in Kansai International Airport" which was installed on the 2nd phase island by Iwatani Corporation. These trial operations are intended to pave the way for the future operations of the "Hydrogen Highway Vision," which would see FC buses serving the route between Kansai International Airport and Osaka International Airport.

Kansai International Airport launched the "KIX hydrogen grid project" in 2012, and has since then been working to promote the use of hydrogen as an energy source through initiatives such as trial operations to assess the potential for hydrogen fuel cell-powered forklifts.

Kansai Airports, through the "promotion of the use of hydrogen energy" and the "reduction of CO₂ emissions" as set out under the "Kansai Airport Environmental Statement," is working to create an environmentally friendly airport.



- Name: Toyota FC Bus
- Fuel: Hydrogen 15kg
- Nominal pressure: 70MPa (around 700 bars)
- Operating distance: 200 km
- Capacity: 77 people

○ Trial period:

May 27, 2017 (Saturday) - June 1, 2017 (Thursday)

○ Details:

- "Kanku Tabihaku 2017" trial ride event

Date: May 27 (Saturday) and May 28 (Sunday)

Time: 10:30, 11:30, 13:00, 14:00, 15:00, 16:00

Details: Bus tour around the airport of approximately 1 hour in duration

(Including demonstration of hydrogen refueling and washing of the vehicle)

*For further details, please refer to the Kanku Tabihaku Website (Japanese).

URL: <https://www.kanku-tabihaku.com/>

- Trial operations to the Terminal 2 Building

Period: May 29 (Monday) - June 1 (Thursday)

Time: 10:00, 10:30, 11:00, 11:30, 12:00, 12:30, 14:00, 14:30, 15:00, 15:30

Details: Trial operations from Aero Plaza to the Terminal 2 building (one-way only)

Contact Information for Inquiries

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Shaping a New Journey



As of April 1, 2016, Kansai Airports succeeded the operating rights of Kansai International Airport (“KIX”) and Osaka International Airport (“ITM”) from New Kansai International Airport Company (“NKIAC”) and commenced business as an operating company for the two airports. Kansai Airports was established by a consortium made up of VINCI Airports and ORIX Corporation as its core members. Kansai Airports shares the common goal of maximizing the potential of the Kansai International Airport and Osaka International Airport, improving services to passengers and ensuring the highest levels of safety and security, investment to enhance safety, convenience and comfort to increase value, as well as enhancing community relations in the neighborhoods of the airports and benefiting the Kansai regional economy. On December 15, Kansai Airports signed a concession contract with the New Kansai International Airport Company (“NKIAC”) for an operating period of 44-years. For more information, please visit : www.kansai-airports.co.jp/en/

Location	1-banchi, Senshu-kuko kita, Izumisano-shi, Osaka	Capital	25,000 million yen
Company Representatives	Representative Director and CEO: Yoshiyuki Yamaya Representative Director and Co-CEO: Emmanuel Menanteau	Date of Incorporation	December 1, 2015
Business Scope	Operation and management services, etc. of Kansai International Airport and Osaka International Airport	Shareholders	ORIX 40%, VINCI Airports 40%, Other investors 20% ¹



ORIX Corporation (TSE: 8591; NYSE: IX) is an opportunistic, diversified, innovation-driven global powerhouse with a proven track record of profitability. Established in 1964, ORIX at present operates a diverse portfolio of businesses in the operations, financial services, and investment spaces. ORIX’s highly complementary business activities span industries including: energy, private equity, infrastructure, automotive, ship and aircraft, real estate and retail financial services. ORIX has also spread its business globally by establishing locations in a total of 37 countries and regions across the world. Through its business activities, ORIX has long been committed to corporate citizenship and environmental sustainability. For more details, please visit our website: <http://www.orix.co.jp/grp/en/>



VINCI Airports, a top 5 global player in the international airport sector, manages the development and operations of 35 airports: 13 in France, 10 in Portugal (including the hub of Lisbon), 3 in Cambodia, 2 in Japan, 6 in Dominican Republic and Santiago airport in Chile. Served by more than 200 airlines, VINCI Airports’ network handled 132 million passengers in 2016.

Through its expertise as a comprehensive integrator and the professionalism of its 11,000 employees, VINCI Airports develops, finances, builds and operates airports, leveraging its investment capability, international network and know-how to optimize the management and performance of existing airport infrastructure, facility extensions and new construction. In 2016, its consolidated revenue amounted to €1.05 bn.

More comprehensive information is available on 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 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; The Bank of Tokyo-Mitsubishi UFJ Ltd.; Resona Bank, Limited; and the Private Finance Initiative Promotion Corporation of Japan.