



## KIX to test mobile eGPU to provide on-the-ground aircraft with cleaner energy

Kansai Airports announce today that for the first time in Japan, a trial operation of electrical ground power unit (eGPU) will start at Terminal 2 of Kansai International Airport (KIX) on March 27, 2020. The initiative is run in partnership with AGP COPORATION, TAMAGAWA AERO SYSTEMS CO., LTD. and Peach Aviation Limited.

At Terminal 1, fixed GPU provide electrical power to parked aircraft through underground cables; supplied power is used for aircraft electrical systems while aircraft engines are turned off. At Terminal 2, no fixed GPU are installed, and thus power is either produced onboard by the aircraft's auxiliary power unit (APU) or delivered from the ground by a portable diesel-powered GPU.

The eGPU trial is part of Kansai Airports' ongoing quest to achieve zero emissions airport. The battery-powered equipment to be tested reduces noise pollution of engines while drastically cutting CO<sub>2</sub> emissions by 97% compared with the APU and 90% with the diesel-powered GPU.

Focusing on building a greener environment, Kansai Airports remains committed to pushing forward initiatives that will lower the environmental impact of its 3 airports by working together with its partners.



For illustration purposes only

### [Trial outline]

Trial period: March 27 to July 31, 2020

Location: Terminal 2, KIX

Partners: AGP COPORATION, TAMAGAWA AERO SYSTEMS CO., LTD., Peach Aviation Ltd.

Purpose: Run a trial of battery-powered eGPU as a possible zero-emissions alternative to conventional power supply to parked aircrafts.

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### Contact Information

Corporate Communications

Planning & Administration

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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 International Airport (“KIX”) and Osaka International Airport (“ITAMI”) from New Kansai International Airport Company (“NKIAC”) and has been operating the two airports since April 1, 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 April 1, 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% <sup>1</sup>
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 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, as the leading private airport operator in the world, manages the development and operation of 45 airports located in Brazil, Cambodia, Chile, Costa Rica, the Dominican Republic, France, Japan, Portugal, Serbia, Sweden, the United Kingdom and the United States. Served by more than 250 airlines, VINCI Airports’ network handled 255 million passengers in 2019. Through its expertise as a comprehensive integrator, VINCI Airports develops, finances, builds and operates airports, leveraging its investment capability, international network and know-how to optimise the management and performance of airports and to carry out airport expansions and upgrades. In 2019, its annual revenue for managed activities amounted to €4.9 billion, for a consolidated revenue of €2.6 billion.

More comprehensive information is available on [www.vinci-airports.com](http://www.vinci-airports.com)

<sup>1</sup> 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; MUFG Bank, Ltd.; Resona Bank, Limited; and the Private Finance Initiative Promotion Corporation of Japan.



Photo by Peach Aviation Limited