

12 June, 2025

## Kobe Airport Tests Perovskite Solar Cells

Kansai Airports Kobe is pleased to announce the launch of a demonstration experiment for perovskite solar cells in the airport's restricted area, in collaboration with Kobe City and Sekisui Chemical Co., Ltd.

Amid efforts to achieve carbon neutrality by 2050, this demonstration aims to explore the potential of perovskite solar cells—known for being lightweight, thin, and flexible—as a means to expand the adoption of renewable energy while ensuring uninterrupted airport operations.

Kansai Airports Group will continue to work closely with relevant stakeholders to drive initiatives that reduce environmental footprints and contribute to the realization of a sustainable society through airport operations as a public infrastructure operator.

### What is Perovskite Solar Cells?

Unlike conventional silicon-based solar cells which are typically heavy, perovskite solar cells are light, thin and flexible. The unique characteristics of this Japan-made technology make it suitable for installation in locations where traditional solar panels would be difficult to install.

### Outline

Period: June 2025 to March 2027 (TBD)

Place: Restricted area of Kobe Airport

Purposes: Verification of airport specific safety aspects such as wind resistance, examination of construction methods, evaluation of durability and power generation efficiency

Battery: Film-type perovskite solar cells to be installed on anti-weed sheets



Installation of perovskite solar cells

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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 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% <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 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](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 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.