

November 19, 2025

Nagaoka City  
EneCoat Technologies Co., Ltd.  
Kokusai Kogyo Co., Ltd.  
TSURUI SANGYO CORPORATION  
INPEX CORPORATION  
INPEX JAPAN, LTD.

**Nagaoka City Receives Private Sector Support for  
“Snow Country Solar Power Generation Installation Challenge Project”  
— Special Training Seminar on Perovskite Solar Cells —**

Nagaoka City in Niigata Prefecture is currently implementing the “Snow Country Solar Installation Challenge Project” as part of an initiative by the Ministry of Economic, Trade and Industry’s Agency for Natural Resources and Energy to promote the understanding of energy structure advancement and transition. The project aims to foster the growth of local businesses in the city.

As part of this initiative, a special training seminar will be held focusing on perovskite solar cells, a next-generation solar technology expected to be widely adopted in the future. The seminar will feature lectures by EneCoat Technologies Co., Ltd. (EneCoat), JGC Corporation (JGC), INPEX Corporation (INPEX), and INPEX’s wholly owned subsidiary INPEX JAPAN Co., Ltd. (INPEX JAPAN).

The seminar will bring together local governments, regional businesses, startups and energy companies to introduce the latest technologies related to perovskite solar cells, including foundational knowledge and installation methods, to companies and organizations based in Nagaoka City. This initiative represents a new step toward promoting renewable energy adoption and the social implementation of cutting-edge technologies, contributing to sustainable development and decarbonization in regions with heavy snowfall.

**Special Training Seminar Overview<sup>1</sup>**

- Date & Time: Thursday, November 27, 2025, 13:00–15:00

- Venue: Toki to Shizen no Gakushukan (2829 Teradomari-Natsudo, Nagaoka City, Niigata Prefecture)
- Program: Lecture on the fundamentals and installation methods of perovskite solar cells  
Hands-on training using a simulated roof
- Target Audience: Local businesses in Nagaoka City considering adopting solar power and perovskite solar technology

#### Seminar Speakers & Topics<sup>2</sup>

- EneCoat: Fundamental knowledge and development status of perovskite solar cells
- JGC: Perovskite solar cell installation instructions and field training
- INPEX: Overview of INPEX's energy and iodine businesses

#### Notes

<sup>1</sup> This seminar is organized and operated by Kokusai Kogyo Co., Ltd., which has been commissioned by Nagaoka City to manage the Snow Country Solar Installation Challenge Project. The seminar is planned with the cooperation of Tsurui Sangyo Co., Ltd., which introduced the participating lecturers.

<sup>2</sup> INPEX is an investor in EneCoat, a startup developing perovskite solar cells—a next-generation solar technology. These cells utilize iodine, a domestically sourced natural resource, as one of their raw materials. INPEX JAPAN contributes to the practical application of this technology by supplying iodine produced at the Narutō brine gas field in Chiba Prefecture.

JGC, also an investor in EneCoat, is advancing the development of installation technologies and will lead the practical training session.

#### **About EneCoat Technologies Co., Ltd.**

A Kyoto University-originated startup engaged in the development, manufacturing, and sales of perovskite solar cells. These next-generation solar cells are characterized by their thin-film structure, lightweight, and flexibility. EneCoat is working to scale up production and improve durability, aiming for applications across IoT devices, buildings, and social infrastructure.

#### **About Kokusai Kogyo Co., Ltd.**

A comprehensive technical consulting firm specializing in geospatial information

technologies such as surveying, remote sensing, and GIS. The company provides consulting and solutions in disaster prevention, infrastructure maintenance, urban planning, environmental conservation, and carbon neutrality. It supports public and private sector clients from planning to implementation using advanced technologies like aerial surveying, satellite data analysis, and 3D digital twins.

#### **About Tsurui Sangyo Co., Ltd.**

A general trading company headquartered in Chuo-ku, Niigata City, engaged in the sales of fuel, construction materials, piping, metals, machinery, and IT equipment, as well as related construction services. With a strong regional presence in Niigata Prefecture, the company offers a wide range of solutions through its domestic and international networks.

#### **About INPEX Corporation**

A comprehensive energy company engaged in the development, production, and stable supply of diverse and clean energy sources, ranging from oil and natural gas to hydrogen, ammonia and renewable energy, both in Japan and overseas.

#### **About INPEX JAPAN Co., Ltd.**

As the domestic operations arm of the INPEX Group, INPEX JAPAN is involved in exploration, development, production and supply of oil and natural gas, gas marketing and energy infrastructure operations. The company also promotes decarbonization technologies such as renewable energy, renewable diesel, hydrogen and CCUS, working in collaboration with local communities and industries to provide sustainable energy solutions.

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