



World Meets Energy

SMART ENERGY WEEK February 2025

POST SHOW REPORT



Built by



In the business of
building businesses

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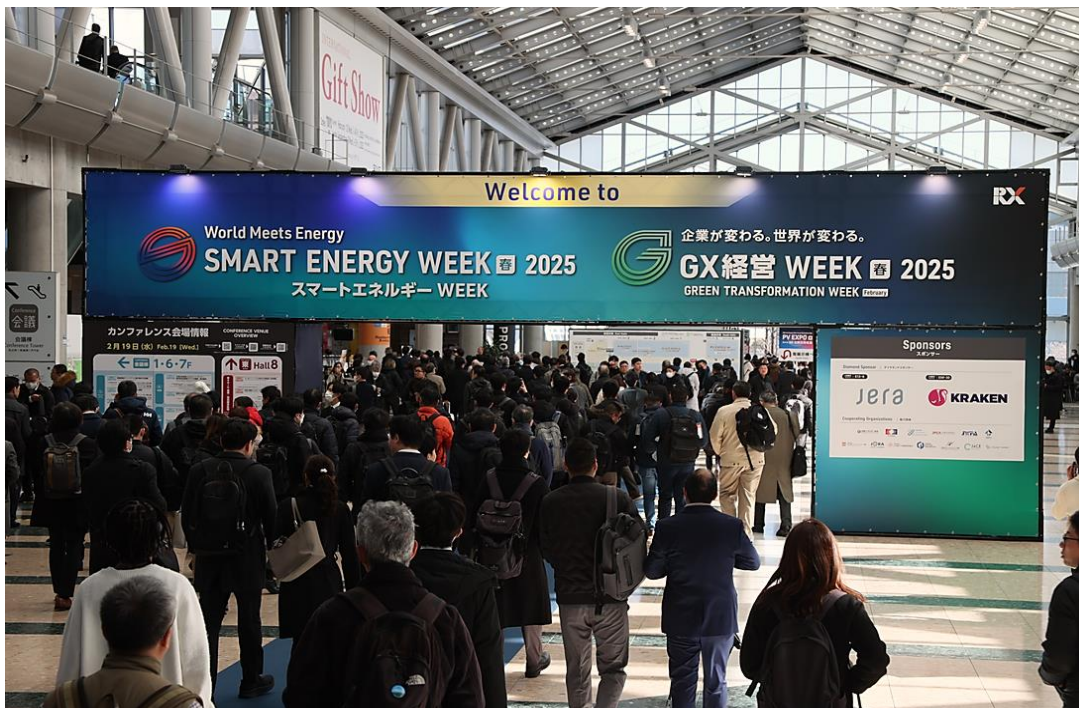
About SMART ENERGY WEEK [Spring]

World's Leading Exhibition for Renewable Energy

Renewable energies are expected to play a greater role in achieving carbon neutrality by 2050.

SMART ENERGY WEEK gathers a full range of renewable energy technologies such as hydrogen and fuel cells, solar power, rechargeable batteries, smart grids, wind power, biomass, zero-emission thermal power generation, etc

Smart Energy Week is a exhibition where the latest technologies, information and people gather to accelerate the business in the energy industry.



Dates : February 19(Web) – 21 (Fri), 2025

Venue : Tokyo Big Sight, Japan

Organiser : RX Japan Ltd.

Concurrent Show : Green Transformation Week

Smart Energy Week [Spring] Outline of Consisting



[H2 & FC EXPO](#)



[PV EXPO](#)



[BATTERY JAPAN](#)



[SMART GRID EXPO](#)



[WIND EXPO](#)



[BIOMASS EXPO](#)



[ZERO-E THERMAL EXPO](#)



[BIPV WORLD](#)

Concurrent Shows



Transforming Businesses, Building a Sustainable World

GREEN TRANSFORMATION WEEK February 2025

Figures



Exhibitors

1,492 Exhibitors



Visitors

68,840 Visitors



Conference

195 Lectures

*All figures including concurrent shows.

BIPV WORLD

Exhibiting Area for Building-integrated Photovoltaics Technologies

**Held for the first time within PV EXPO.
Three days of people, information, and technology related to BIPV – Building-integrated Photovoltaics Technologies.**

What is BIPV WORLD?

A special exhibit area showcasing building-integrated photovoltaic technologies, held within PV EXPO [February]. Exhibitors will deliver presentations about their exhibits in this area.



WIND EXPO February

15th Int'l Wind Energy Expo

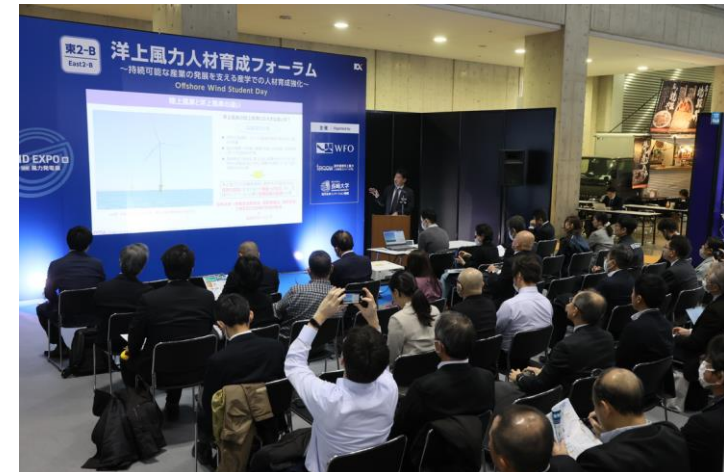
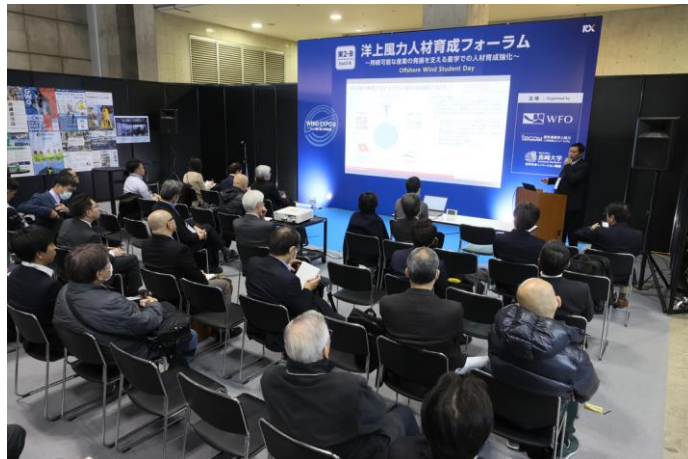
Offshore Wind Human Resource Development Forum

Offshore Wind Student Day

----- Organiser -----



----- Media Partners -----



Leading companies in the energy industry exhibited at Smart Energy Week!

H₂ & FC EXPO February 23rd Int'l Hydrogen & Fuel Cell Expo



HONDA

WIND EXPO February 15th Int'l Wind Energy Expo



SMART GRID EXPO February 17th Int'l Smart Grid Expo



BATTERY JAPAN February 18th Int'l Rechargeable Battery Expo



PV EXPO February 20th Int'l Photovoltaic Power Generation Expo



BIOMASS EXPO 10th Int'l Biomass Expo



ZERO-E THERMAL EXPO 9th Zero Emission Thermal Power Generation Expo



*Some exhibitors are featured.

International Exhibitors

Exhibitors Gathered from 39 Countries/Regions

North America Area

Canada
United States

Europe Area

Austria
Belgium
Bulgaria
Croatia
Czech Republic
Denmark
Estonia
Finland
France
Germany
Greece
Hungary
Ireland
Italy
Latvia
Lithuania
Luxembourg
Netherlands
Norway
Poland
Portugal
Romania
Slovakia
Spain
Sweden
Switzerland
United Kingdom

Asia Area

China
Hong Kong
India
Indonesia
Japan
Laos
Singapore
South Korea
Taiwan

Oceania Area

Australia

*Country names are excerpted.

International Visitors

Visitors Gathered from 67 Countries/Regions



Conference Program (excerpts)

Smart Energy Week Keynote Speech

The Impact of Climate Change and Japan's GX Policy



Opening Speech: Global Energy and Climate Crises: Winners and Losers

Chair, Study Group on Next Generation Nuclear Energy Utilization at Canon Institute of Global Studies (CIGS) / Chair, the Steering Committee of Innovation for Cool Earth Forum (ICEF) / Executive Director Emeritus, the International Energy Agency (IEA) / CEO, Tanaka Global, Inc.

Nobuo Tanaka



The Green Transformation Policy

Ministry of Economy, Trade and Industry (METI)
Director-General, Energy Efficiency and Renewable Energy
Dept., Agency for Natural Resources and Energy

Sadanori Ito



*Titles omitted.

Conference Program (excerpts)

H2&FC EXPO Keynote Speech

Policies and Prospects for Realizing a Hydrogen Society



Recent Trends Surrounding Hydrogen



Ministry of Economy, Trade and Industry

Director/Investment Strategist, Hydrogen and Ammonia Div., Agency for Natural Resources and Energy
Daisuke Hirota



Global Trends of Hydrogen Technology to Hit Carbon Neutrality

BloombergNEF

BloombergNEF

Senior Analyst (Low-carbon transition in Japan),
Japan/Korea Research Unit
Shigeru Ogawa

H2&FC EXPO Technical Seminar 1

Trends in the Development and Spread of Fuel Cell Vehicles (FCVs), a Frontrunner in Realizing a Hydrogen Society



Honda Fuel Cell Development and Efforts towards a Carbon Neutral Society



Honda R&D Co., Ltd.

Senior Chief Engineer, General Manager, Hydrogen Power Unit Research and Development Div., Innovative Research Excellence, Power Unit & Energy / Honda Motor Co., Ltd.
Representative of Hydrogen Business DEB, Hydrogen Business Development Div., Corp. Strategy Operations
Noboru Yusaku



Development and Commercialization of FC Heavy Duty Truck



Hyundai Motor Company

Senior Research Engineer, Head of Dept., CV Virtual Development Team
Seungwon Yoo

*Titles omitted.

Conference Program (excerpts)

BATTERY JAPAN Keynote Speech

Japan's Battery Industry Policy and Strategy



Current Status and Future Direction of the Battery Industry



Ministry of Economy, Trade and Industry

Battery Industry Div.,
Koki Okada

BATTERY JAPAN Special Keynote Speech

Outlook and Business Strategies of Global top Companies



The Strategy of BYD Battery



BYD Co., Ltd.

Tokyo Office CEO
Hao Chen



Challenge for Next Generation Battery

Nissan Motor Co., Ltd.

General Manager, Advanced
Materials and Processing Laboratory
Kiyoshi Takagi



LG Energy Solution's Advanced Battery Technologies and IP Strategy



LG Energy Solution

Chief Technology Officer (Senior Vice President)
Je Young Kim

*Titles omitted.

Conference Program (excerpts)

PV EXPO Special Lecture <Discussion Format>

[BIPV/Perovskite] Prospects for the Spread and Expansion of Solar Power Generation for Buildings



Japan Photovoltaic Energy Association
(JPEA)

Secretary General
Takeaki Masukawa



Ministry of Land, Infrastructure, Transport and
Tourism (MLIT)

Director for Building Environment, Housing
Bureau
Masaya Sasaki



Tokyo Metropolitan Government

Director for Policy Planning and
Coordination, Climate Change Div.,
Bureau of Environment
Toshinori Koyama



SEKISUI CHEMICAL Co., Ltd.

EXTERNAL RELATIONS GROUP / PUBLIC
RELATIONS & EXTERNAL RELATIONS Dept.,
HOUSING COMPANY
Masakazu Shio

*Titles omitted.

Conference Program (excerpts)

WIND EXPO Keynote Speech

Policy and Outlook for Wind Power Generation



Current Status of Japan's offshore Wind Power Policy

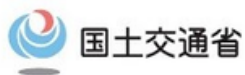


Agency for Natural Resources and Energy,
Ministry of Economy, Trade and Industry

Director, Wind Energy Policy Office, New and
Renewable Energy Div.
Yuichi Furukawa



Towards the Introduction of Offshore Wind Power



Ministry of Land, Infrastructure, Transport and
Tourism (MLIT)

Director of Ocean and Environmental Policy
Div., Ports and Harbours Bureau
Masaoki Shirai

WIND EXPO Special Additional Lecture

Mission Critical: Building the APAC Wind Energy Supply Chain for a 1.5°C World



Enabling Regional Collaboration on Supply Chain to Achieve 3x Wind Power in the APAC Region



Global Wind Energy Council (GWEC)

Chief Research Officer
Feng Zhao



Building the APAC Wind Energy Supply Chain for a 1.5°C World_ Japanese Case Study

ERM Japan Ltd.

Partner
Takayuki Shibata

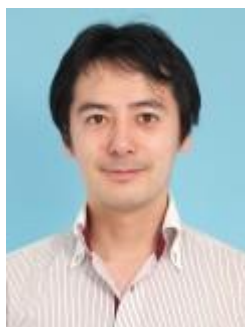


*Titles omitted.

Conference Program (excerpts)

Smart Grid EXPO Keynote Speech

Vision for the Next-Generation Electric Power Systems



Vision for the Next-Generation Electric Power Systems



Ministry of Economy, Trade and Industry

Director, Electricity Infrastructure Div.,
Agency for Natural Resources and Energy
Masahiro Chikushi



Future Electric Power Networks Supporting Social Transformation toward Carbon Neutrality

Kansai Transmission and Distribution Inc.

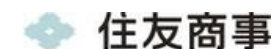
Managing Executive Officer
Atsushi Nishida

Smart Grid EXPO Special Lecture 2

At the Forefront of VPP/DR Aggregation Business



Energy Storage Business of Sumitomo Corporation



Sumitomo Corporation

Assistant to Head of Energy Storage Business Unit, Energy Storage Business Unit, Energy Innovation Initiative SBU
Hiroshi Ohta



Tesla's Mission and Initiatives in Japan and Overseas



Tesla Japan K.K.

Country Powerwall Sales Manager
Akio Wakabayashi

*Titles omitted.

Conference Program (excerpts)

Biomass EXPO Keynote Speech

Biomass Utilization at the Forefront



Future Prospects for Biomass Utilization



Ministry of Agriculture, Forestry and Fisheries

Director, Renewable Energy Office,
Environment and Biomass Policy Div.,
Minister's Secretariat
Toru Kurita



Current Practice and Future Outlook for Methane Fermentation Biogas Plants



Flow Inc.

CEO
Takanori Sudo

Special lecture at Biomass EXPO

Wood Biomass Creates Vitality for the Local Community and the Planet!



Promoting the Use of Wood Biomass Energy

Ministry of Agriculture, Forestry and Fisheries

Director, Wood Utilization Div.
Ryota Namba



Utilization of Woody Biomass in the "100-Year Forest Concept"



Nishiawakura Village Office

Deputy Village Chief
Takahiro Ueyama

*Titles omitted.

Conference Program (excerpts)

Zero Emission Thermal Power Generation EXPO
Keynote Speech

Policies and Prospects for Realizing Zero-emission Thermal Power Generation



Thermal Power Policy for Carbon Neutrality in 2050



Ministry of Economy, Trade and Industry

Director, Office for Electricity Supply Policy,
Electricity and Gas Industry Dept., Agency for
Natural Resources and Energy
Daisuke Nakatomi



KEPCO's Efforts and Prospects for Realizing Zero-Carbon Thermal Power



The Kansai Electric Power Co., Inc.

Executive Managing Director, Chief Executive Officer of
Energy Supply and Demand Division, Chief Executive Officer
of Thermal Power Business Division, Chief Executive Officer
of Innovation Promotion Division/Chairman of the Thermal
and Nuclear Power Technology Association
Kazumitsu Takanishi

Zero Emission Thermal Power Generation EXPO
Special Lecture 2

Approaching the Forefront of the Industry Leader in Achieving Zero Emissions



JERA's Initiatives towards Zero CO2 Emissions in 2050

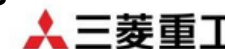


JERA Co., Inc.

Managing Executive Officer, Head of the O&M
Engineering Strategy Div.
Hiroyuki Nakai



Pathway for Zero Emission by Mitsubishi Heavy Industries



Mitsubishi Heavy Industries, Ltd.

Senior Fellow, Executive Vice President (GX Business) ,
GX Solutions
Katsunori Tanaka

*Titles omitted.

Photo Highlight



Smart Energy Week



Photo Highlight



Photo Highlight



H₂ & FC EXPO February
23rd Int'l Hydrogen & Fuel Cell Expo



BATTERY JAPAN February
18th Int'l Rechargeable Battery Expo



PV EXPO February
20th Int'l Photovoltaic Power Generation Expo



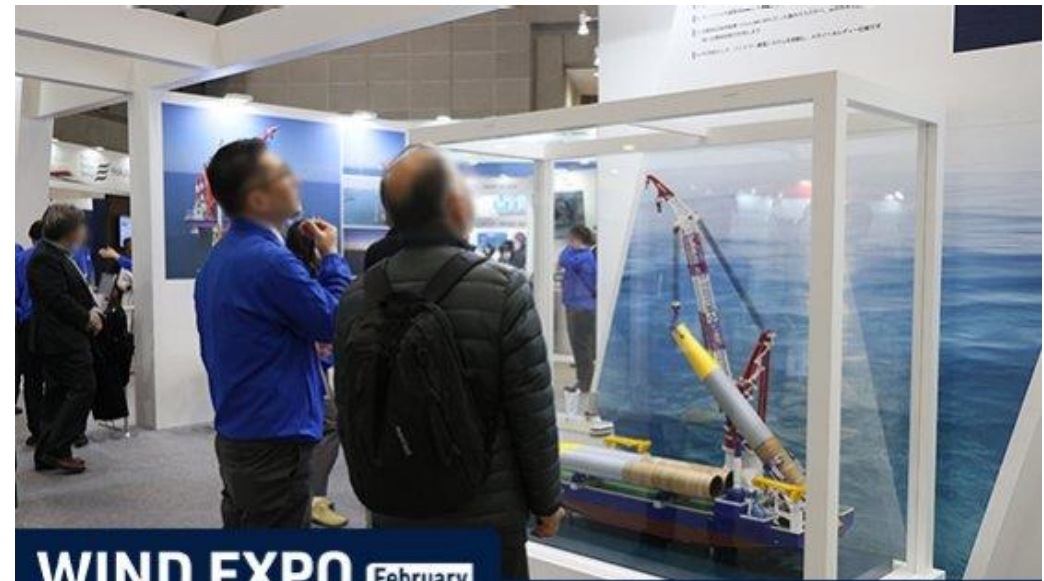
BIPV WORLD
Exhibiting Area for Building-integrated Photovoltaics Technologies

NEW!

Photo Highlight



SMART GRID EXPO February
17th Int'l Smart Grid Expo



WIND EXPO February
15th Int'l Wind Energy Expo



BIOMASS EXPO
10th Int'l Biomass Expo



ZERO-E THERMAL EXPO
9th Zero Emission Thermal Power Generation Expo

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Energy Ltd

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한국가스신문사
Korea Gas Newspaper

에너지경제

신소재경제

More Information

Exhibiting Inquiry, Click here



**Exhibiting Information
Request (Free)**



February 2025 [Spring] Holding an Exhibition



Floor Map



Exhibitors List



Photo Highlight



Conference Program

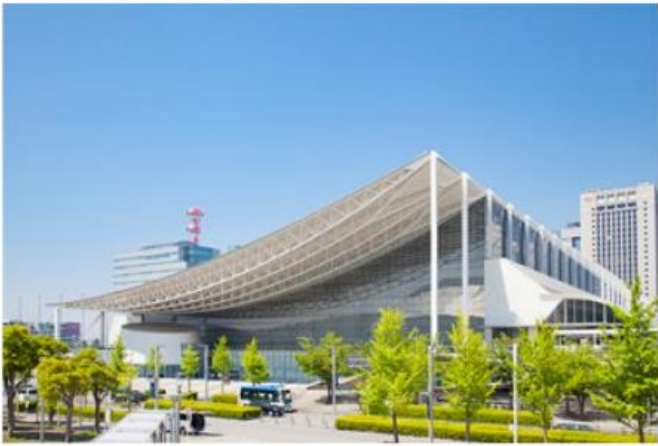


Open Seminar

Upcoming Exhibitions Information

SMART ENERGY WEEK is Held 3 Times a Year

World Meets Energy
SMART ENERGY WEEK September 2025



Dates: Sep. 17 (Wed) - 19 (Fri), 2025
Venue: Makuhari Messe, Japan

World Meets Energy
SMART ENERGY WEEK Osaka 2025



Dates: Nov. 19 (Wed) - 21 (Fri), 2025
Venue: INTEX Osaka, Japan

World Meets Energy
SMART ENERGY WEEK March 2026



Dates: Mar. 17 (Tue) - 19 (Thu), 2026
Venue: Tokyo Big Sight, Japan



World Meets Energy

SMART ENERGY WEEK **February 2025**

**Organiser : RX Japan Ltd.
SMART ENERGY WEEK Show Management**

E-mail: wsew.jp@rxglobal.com

Web: <https://www.wsew.jp/hub/en-gb.html>

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