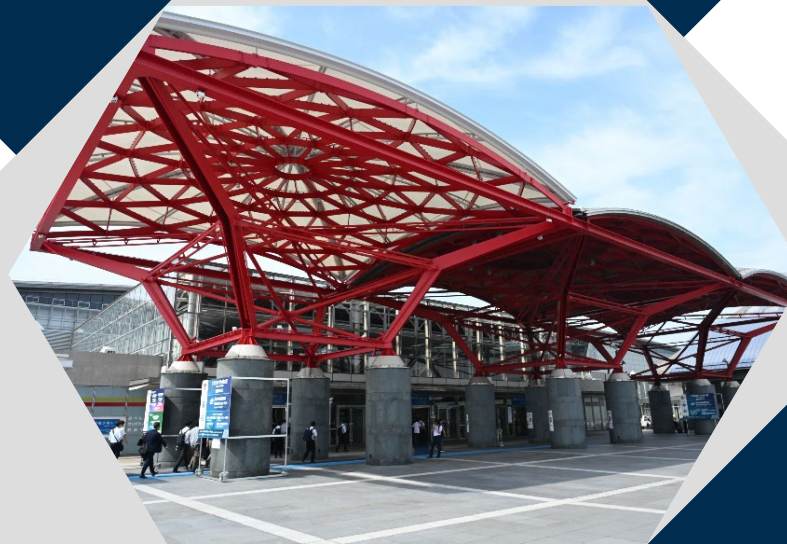




World Meets Energy

SMART ENERGY WEEK September 2025

POST SHOW REPORT



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About SMART ENERGY WEEK[Autumn]

**The Largest New Energy Exhibition in the Second Half of the Year – Accelerating GX
Covering the latest technologies including offshore wind, hydrogen energy, CCUS, and more.**

Renewable energies are expected to play a more significant 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, carbon capture, utilisation & storage etc. SMART ENERGY WEEK is an exhibition where the latest technologies, information, and people gather to accelerate business in the energy industry.



 World Meets Energy
SMART ENERGY WEEK September 2025

Dates : September 17(Web) – 19 (Fri), 2025

Venue : Makuhari Messe, Japan

Organiser : RX Japan Ltd.

Concurrent Show : SUSTAINABILITY MANAGEMENT WEEK

Smart Energy Week[Autumn] Outline of Consisting



[H2 & FC EXPO](#)



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[BATTERY JAPAN](#)



[SMART GRID EXPO](#)



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[Special Exhibit Area](#)
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[Special Exhibit Area](#)
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[System - World](#)

Concurrent Shows



Transforming Businesses, Building a Sustainable World

SUSTAINABILITY MANAGEMENT WEEK **September 2025**

Figures



Exhibitors

506 Exhibitor



Visitors

45,741 Visitors



Conference

100 Lectures

*All figures including concurrent shows.

Opening Ceremony

Opening Ribbon-cutting Ceremony. Top 34 people in the energy industry attended.



List of Ribbon-cutting Dignitaries

(in random order, honorifics omitted)

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

NEDO
President
Naohiko Yokoshima

Tohoku Electric Power Co., Inc.
Managing Executive Officer
Masahiro Abe

The Kansai Electric Power Co., Inc.
Executive Officer, Customer Solution Division
Satoshi Kodama

TEPCO Power Grid, Inc.
Member of the Board and Managing Executive Officer
Takashi Oishi

Renewable Energy Association for Sustainable Power supply
President
Atsunori Sato

European Commission
Executive Vice-President for Prosperity and Industrial Strategy
Stéphane Séjourné

Delegation of the European Union to Japan
Ambassador
Jean-Eric Paquet

Kyushu University
Senior Vice President, Distinguished Professor
Kazunari Sasaki

Hydrogen Energy Systems Society of Japan
President
Shigeo Satokawa

Fuel Cell Development Information Center
President
Ken Okazaki

Japan Hydrogen Association(JH2A)
Executive Director
Hiroshi Fukushima

Polish Investment and Trade Agency
Head of Tokyo Office
Marta Szczygiel

Kyoto University
Dept. of Energy & Hydrocarbon Chem., Graduate School of Engineering, Professor / Vice Dean
Takeshi Abe

Panasonic Energy Co., Ltd.
Executive Vice President, CTO
Shoichiro Watanabe

Contemporary Amperex Technology Co., Limited
Vice President of APAC ESS
Junpeng Li

BYD JAPAN Co., Ltd.
Country Manager, Energy Storage and New Application Battery Division
Yujia Lu

Panasonic Holdings Corporation, Perovskite PV Development Center
Director, Ph.D.
Yukihiro Kaneko

KNREA(Korea New & Renewable Energy Association)
Vice President
Im, Wan Bin

Jinko Solar Japan Co.,Ltd
General Manager, Business Development
Shigeru Sakai

LONGi Solar Technology K.K.
General Manager
Nan Yang

Ashikaga University
Adviser & Professor Emeritus
Izumi Ushiyama

Japan Wind Power Association (JWPA)
Vice President
Masato Yamada

Floating Offshore Wind Technology Research Association (FLOWRA)
Chairman
Masakatsu Terazaki

Ocean Affairs Council, Taiwan
Counselor
Hsin-Chen Sung

Thermal and Nuclear Power Engineering Society
Vice Chairman
Yoshiki Fujii

Carbon Recycling Fund Institute
Vice-chairperson
Toshifumi Watanabe

INPEX Corp.
Senior Vice President, Low Carbon Solutions
Shoichi Kaganol

Japan Petroleum Exploration Co., Ltd.
Managing Executive Officer, President of Japan Carbon Neutral Division
Tomonori Ikeno

Mitsubishi Heavy Industries, Ltd.
President of GX Solutions
Taro Fukazawa

Sumitomo Corporation
General Manager, Energy Innovation Initiative SBU
Seiji Kitajima

Fusion Industry Association
Head of Public Affairs and Communications
Caroline Anderson

The Japan Society of Plasma Science and Nuclear Fusion Research
Vice President
Mizuki Sakamoto

**<Organiser>
RX Japan Ltd.**
President
Takeshi Tanaka

Networking Events

Five networking events over three days encouraged active interaction and information sharing among participants.

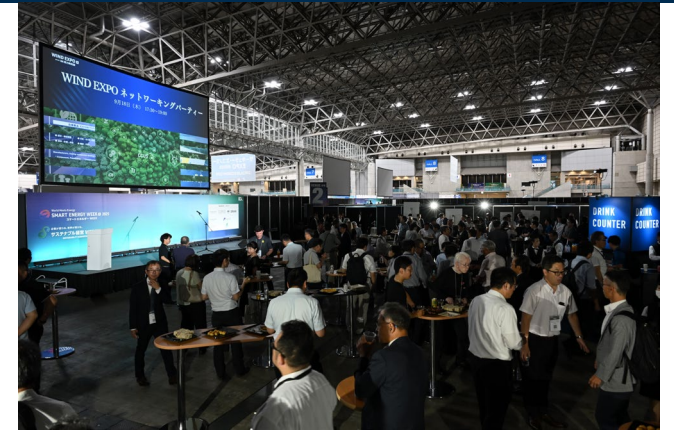
H2&FC EXPO



BATTERY JAPAN



WIND EXPO



SUSTAINABILITY MANAGEMENT WEEK



SMART ENERGY WEEK DISCOVER KOREA



Special Exhibit Area

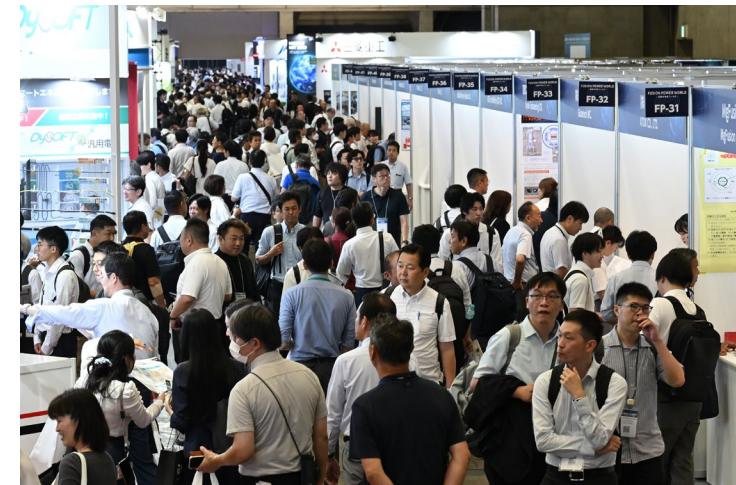


FUSION POWER WORLD

Held for the second time at Autumn edition — three days of people, information, and technologies in fusion energy.

What is FUSION POWER WORLD ?

Fusion technology is expected to be a breakthrough solution to the world's energy problems. Countries are cooperating and striving daily to make it a reality. This special exhibit area will contribute to the technological advancements in fusion power by bringing together people, information, and technology under one roof.



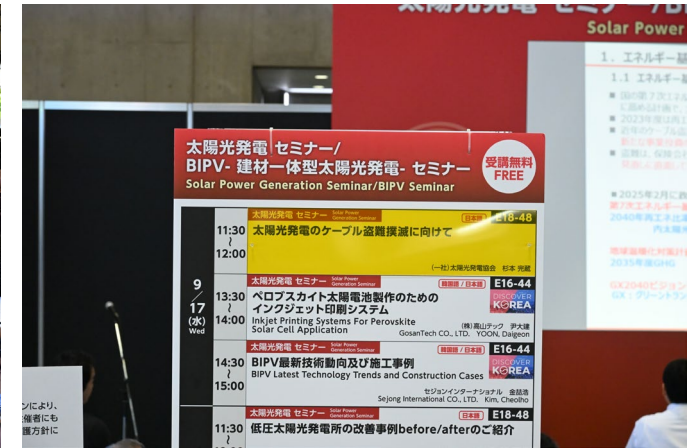
BIPV WORLD

Exhibiting Area for Building-integrated Photovoltaics Technologies

Held within PV EXPO — three days of people, information, and technologies related to BIPV (Building-integrated Photovoltaics).

What is BIPV WORLD?

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



Floating Offshore Wind World

Held for the first time within WIND EXPO — three days of people, information, and technologies related to floating offshore wind.

What is Floating Offshore Wind World ?

The establishment of floating offshore wind technology is essential for the wider adoption and expansion of offshore wind power in Japan. In response, at this year's exhibition in September, we will hold a special exhibit area, "Floating Offshore Wind World," featuring exhibits and a conference focused specifically on floating offshore wind technology. This initiative aims to bring together industry professionals, knowledge, and technology, contributing to the advancement of this field.



共催：一般社団法人 日本風力発電協会 (JWPA)



後援：浮体式洋上風力技術研究組合
(Floating Offshore Wind Technology Research Association)



後援：浮体式洋上風力建設システム技術研究組合

Special Exhibit Area

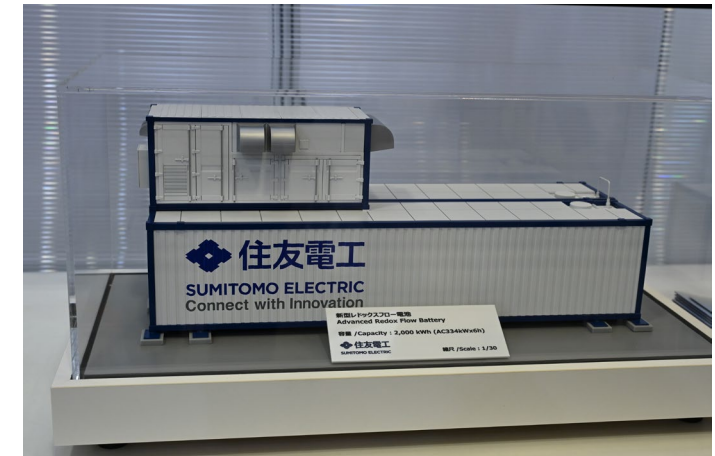
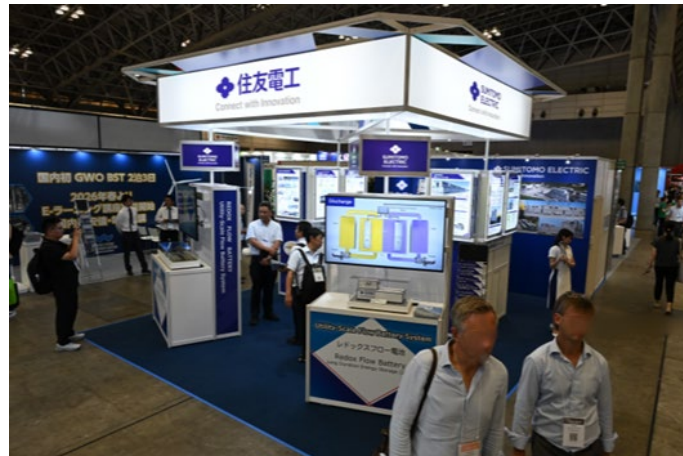
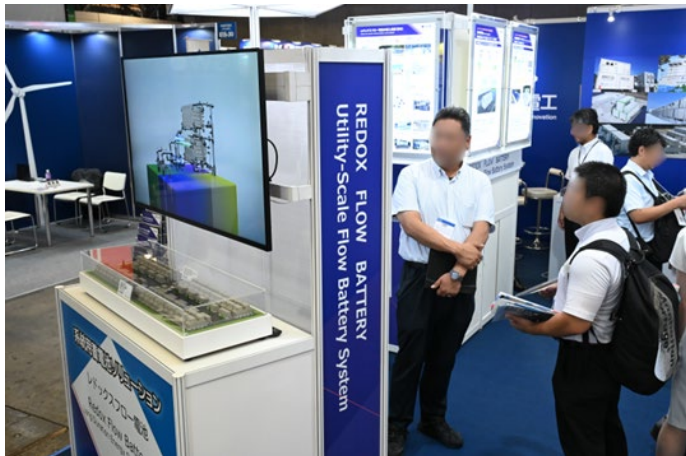
Held inside **SMART GRID EXPO**
Int'l Smart Grid Expo

ESS -Energy Storage System- WORLD

Held within SMART GRID EXPO — three days of people, information, and technology related to energy storage system.

What is ESS-Energy Storage System -WORLD ?

To achieve carbon neutrality by 2050, the rapid expansion of renewable energy is essential. As a result, Energy Storage Systems (ESS) are becoming increasingly crucial, enhancing energy efficiency and ensuring a stable power supply. To support this shift, we are launching "ESS - Energy Storage System - WORLD," a dedicated exhibit zone within Japan's leading smart grid exhibition, SMART GRID EXPO. This specialised showcase will highlight the latest advancements in energy storage technologies.



International Exhibitors

Exhibitors Gathered from 28 Countries/Regions

North America Area

United States

Europe Area

Austria

Bulgaria

Croatia

Czech Republic

Estonia

Finland

France

Germany

Greece

Hungary

Italy

Latvia

Luxembourg

Netherlands

Poland

Portugal

Slovakia

Slovenia

Spain

Sweden

United

Kingdom

Asia Area

China

Hong Kong

Japan

South Korea

Taiwan

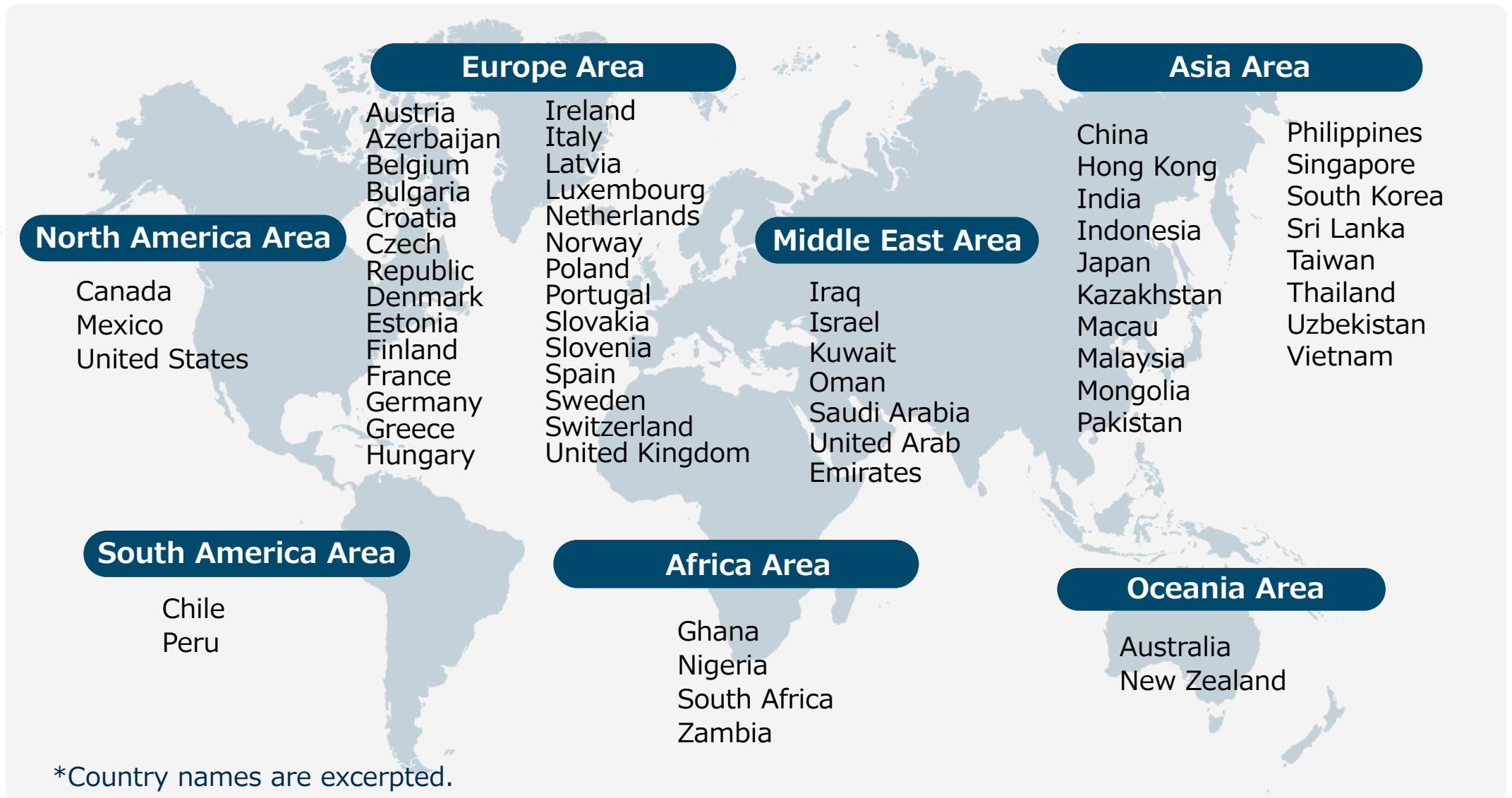
Oceania Area

Australia

*Country names are excerpted.

International Visitors

Visitors Gathered from 63 Countries/Regions



Floor Map



SMART ENERGY WEEK Keynote Session

Japan's Strategic Energy Plan and GX Policy



Ministry of Economy, Trade and Industry (METI)

Director-General, Energy Efficiency and Renewable Energy Dept.,
Hirokazu Kobayashi

*Titles omitted.

Conference Program (excerpts)

H2 & FC EXPO Keynote Session

Towards a Hydrogen Society: Current Status and Future Outlook



Recent Trends Surrounding Hydrogen and Ammonia

Ministry of Economy, Trade and Industry
(METI)

Director, Investment Strategist
Daisuke Hirota



Navigating the Hydrogen Market Amid Rising Uncertainty: Strategic Responses for Industry Players

Roland Berger, Ltd.

Partner
Koji Toyama

H2 & FC EXPO Special Session <Discussion>

Toyota's Outlook on Realizing a Hydrogen Society



Kyushu University

Vice President, Chief Professor
Dr. Kazunari Sasaki



TOYOTA MOTOR CORPORATION

General Manager, Hydrogen Business
Div., Hydrogen Factory
Shinichi Tanabe

*Titles omitted.

Conference Program (excerpts)

BATTERY JAPAN Keynote Session

The Battery Industry and Growth Strategies in the Carbon-Neutral Era



Current status and future direction of the battery industry

Ministry of Economy, Trade and Industry (METI)

Director, Battery Industry Div.,
Hiroki Aoki



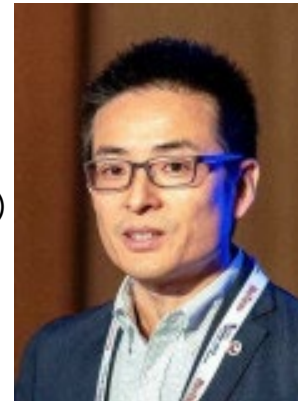
Panasonic Energy's Challenge : For Realization of Sustainable Growth

Panasonic Energy Co., Ltd.

Executive Vice President, CTO
Shoichiro Watanabe

BATTERY JAPAN Special Session

EV Market Outlook and the Cutting Edge of Automotive Battery



EV & Battery Industry Trends

TeraWatt Technology

VP of Strategy
Ryuta Kawaguchi



Updates in Lithium-metal Battery Development for Electric Vehicle Applications

QuantumScape Japan G.K.

Director
Ryosuke Takeuchi

*Titles omitted.

PV EXPO Keynote Session

Current Status of Solar Power Generation and Initiatives for Expanding Its Adoption



Toward the Maximum Deployment of Solar Power

Ministry of the Environment Government of Japan

Director, Climate Change Policy Div., Global Environmental Bureau
Takeo Sugii



Policy Trends Toward Expanding the Introduction of Solar Power Generation

Ministry of Economy, Trade and Industry (METI)

Director, New and Renewable Energy Div., Agency for Natural Resources and Energy
Masaki Higurashi

*Titles omitted.

Conference Program (excerpts)

SMART GRID EXPO Keynote Session <Discussion>

The Forefront of Industry–Government–Academia Collaboration for Achieving GX and DX: Transforming Social Infrastructure through Watt–Bit Integration



U3innovations LLC

Co-Founder and Co-President
Sumiko Takeuchi



Keio University

Senior Advanced Research
Project Professor
Dr. Jun Murai



Ministry of Economy, Trade and
Industry (METI)

GX Investment Promotion Section
Manager, GX Group
Juntaro Shimizu



SoftBank Corp.

Vice President, Next Gen Technology
Development Div. Head
Hironobu Tamba

*Titles omitted.

Conference Program (excerpts)

WIND EXPO Keynote Session

Policies and Outlook for Accelerating the Deployment of Offshore Wind Power



Towards the Introduction of Offshore Wind Power Generation

Ministry of Land, Infrastructure, Transport and Tourism

Director of Ocean Development Office, Ocean and Environmental Policy Div., Ports and Harbours Bureau
Akira Takano



Current Status of Offshore Wind Power Policy

Ministry of Economy, Trade and Industry

Director, Wind Power Policy Office, Energy Efficiency and Renewable Energy Dept, Agency for Natural Resources and Energy
Yuichi Furukawa



NEDO's Activities toward Expansion of Offshore Wind Power Generation

New Energy and Industrial Technology Development Organization

Director, Wind and Marine Unit, Renewable Energy Dept.
Hidenori Yonekura

*Titles omitted.

Conference Program (excerpts)

CCUS EXPO Keynote Session

Japan's CCUS Policy and Future Outlook



The Future of CCUS Policies Supporting GX

Ministry of Economy,
Trade and Industry (METI)

Director, Carbon Management Div., Natural
Resources and Fuel Dept., Agency for Natural
Resource and Energy
MASAKI Tone



JAPEX's Advanced CCS Project Initiatives

Japan Petroleum Exploration Co., Ltd.

Managing Executive Officer, President of Japan
Carbon Neutral Div.
Tomonori IKENO

CCUS EXPO Special Session 1

Growth Strategies Centred on CCS/CCUS



Energy for a Brighter Future - CCS Projects Promoted by INPEX -

INPEX Corp.

Senior Vice President, Low Carbon
Solutions
Shoichi Kaganoi



Establishment of CCUS Value Chain by Mitsubishi Heavy Industries

Mitsubishi Heavy
Industries, Ltd.

Principal, Senior Vice President (CCUS), GX
(Green Transformation) Solutions
Tatsuto Nagayasu

*Titles omitted.

Conference Program (excerpts)

FUSION POWER WORLD Special Keynote Session

ITER Project - Fusion and Its Latest Construction Progress



ITER Organization

Head of Construction Project Office
Takayoshi Omae

FUSION POWER WORLD Special Session

The Forefront of Global Advances Towards the Practical Implementation of Fusion Power



Scaling the Fusion Industry: Commercial & Supply Chain Updates

Fusion Industry Association

Head of Public Affairs and
Communications
Caroline Anderson



Delivering Fusion in Partnership

Tokamak Energy K.K.

President
Ross Morgan

*Titles omitted.

Photo Highlight



SMART ENERGY WEEK

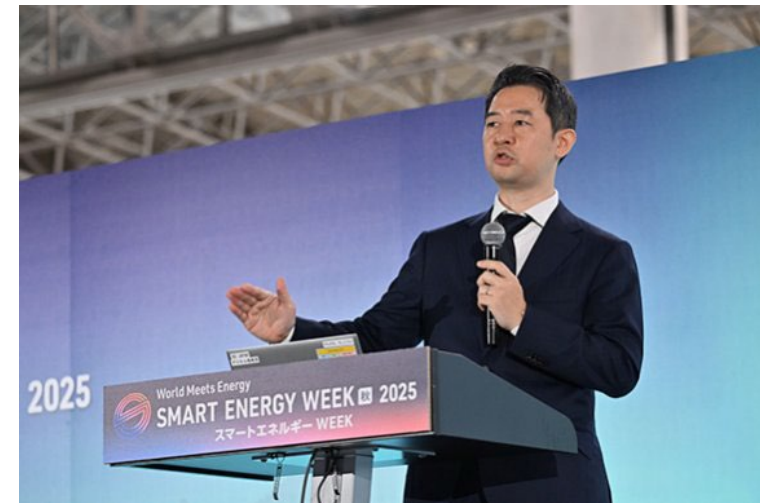


Photo Highlight

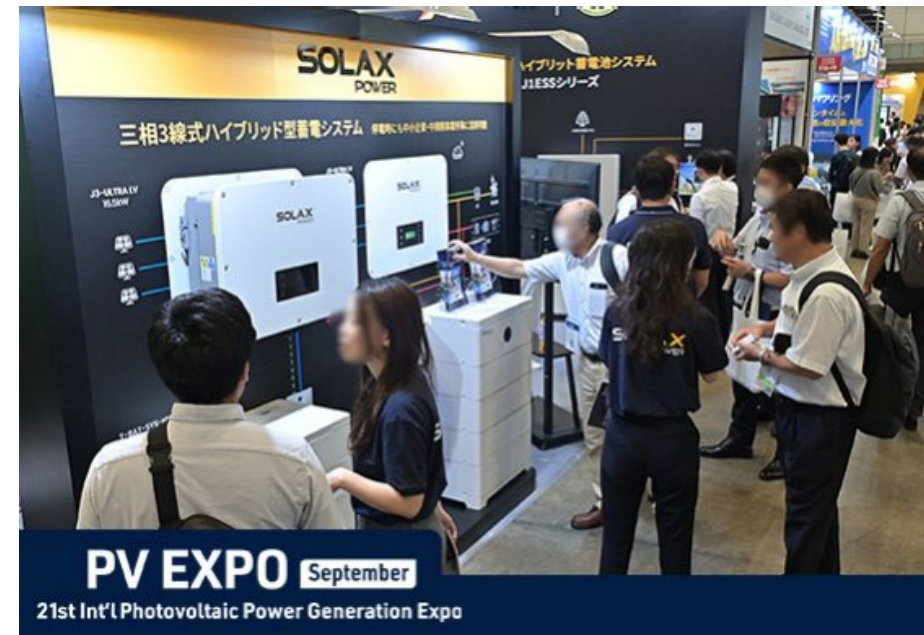
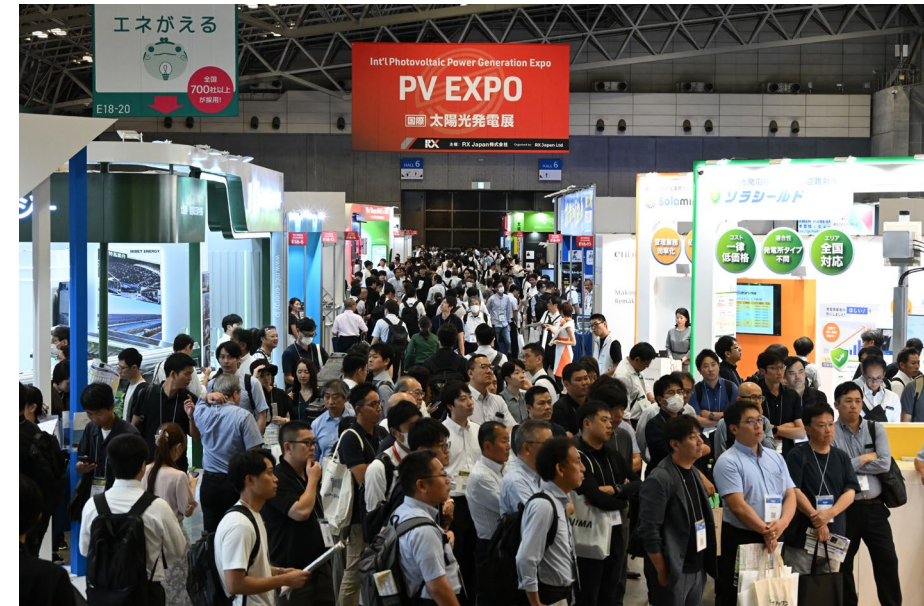
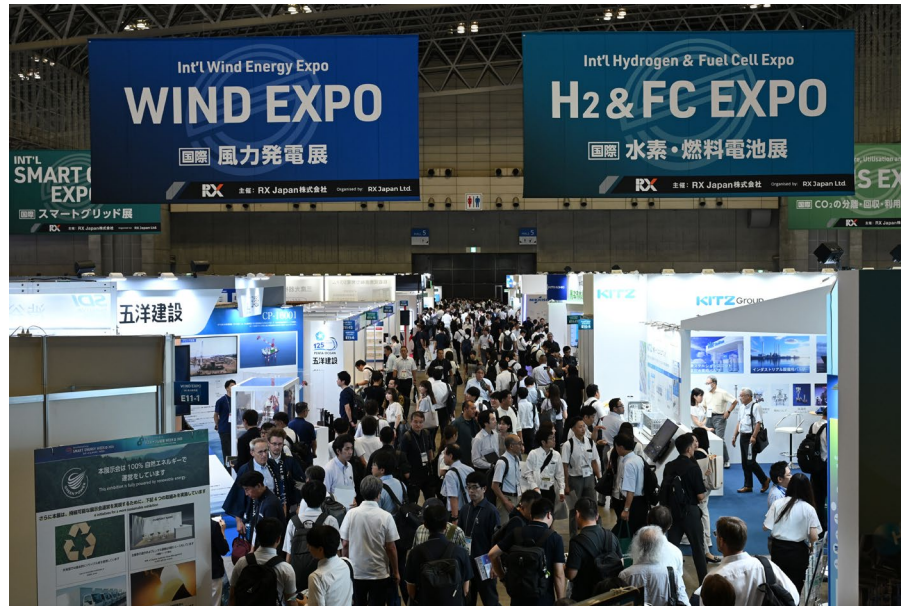


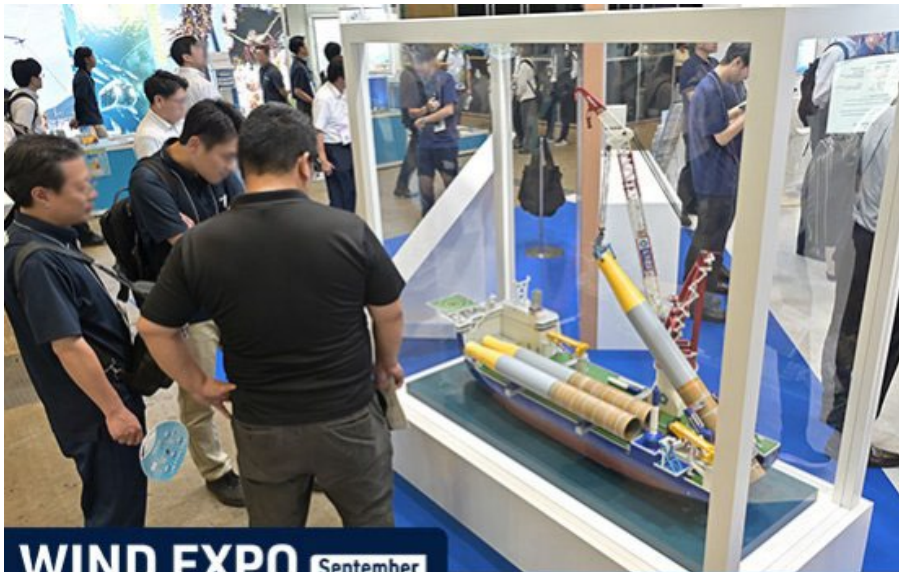
Photo Highlight



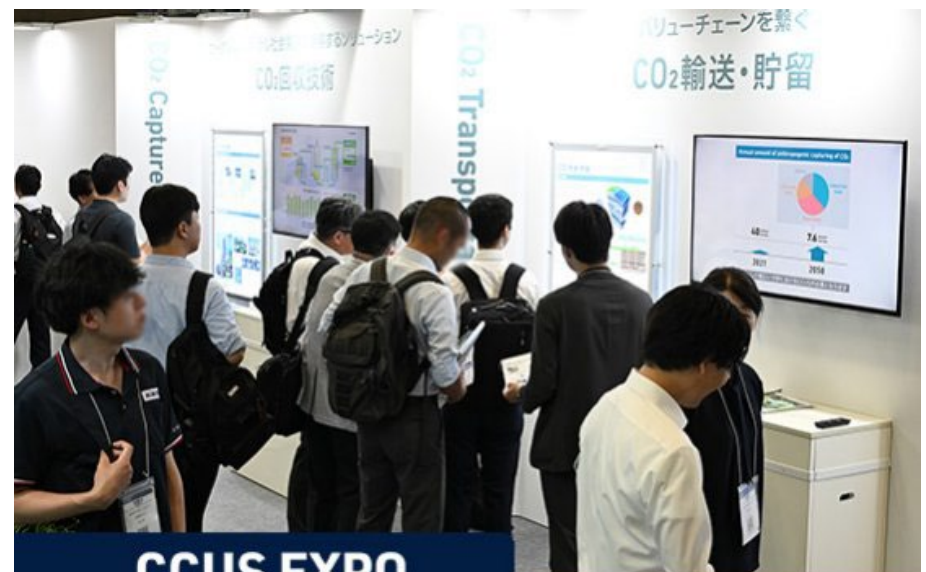
BATTERY JAPAN September
19th Int'l Rechargeable Battery Expo



SMART GRID EXPO September
18th Int'l Smart Grid Expo



WIND EXPO September
16th Int'l Wind Energy Expo



CCUS EXPO
1st Int'l Carbon Dioxide Capture, Utilisation and Storage Expo

NEW!

Photo Highlight



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産業タイムズ社 

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インプレス **Smart
Grid** フォーラム

(株) インプレス 

More Information

Exhibiting Inquiry, Click here



**Exhibiting Information
Request (Free)**



September 2025 [Autumn] 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 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 September 2026



Dates: Sep. 9 (Wed) - 11 (Fri), 2026

Venue: Makuhari Messe, Japan



World Meets Energy

SMART ENERGY WEEK September 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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