



JAPAN'S ROADMAP TO CARBON NEUTRALITY

THE ROLE OF LNG, GAS AND HYDROGEN
TO ACHIEVE NET-ZERO EMISSIONS

POST EVENT REPORT

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Driving The Gas, LNG, Hydrogen & Energy Agenda To Achieve Net-Zero Emissions

The 5th Japan Energy Summit & Exhibition took place on 28 February - 2 March 2023 at the Westin Tokyo. As the global platform that convenes senior stakeholders from across the value chain, Japanese buyers, government representatives and international suppliers met to discuss the pertinent topics affecting the industry today, including the critical role of LNG and gas in providing energy security, the shift to hydrogen & ammonia and the application of low carbon solutions.

Together with the newly launched **international exhibition**, the event offered boundless **networking opportunities** across the show floor and industry sessions.

Key Event Statistics

1,000 ATTENDEES

250 COMPANIES 30+
COUNTRIES
REPRESENTED

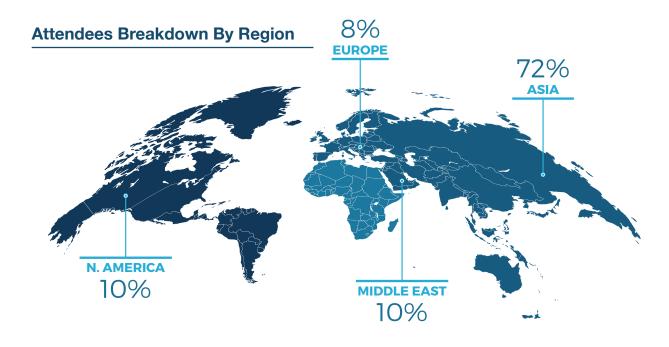
70+
SPEAKERS

80% C-LEVEL ATTENDANCE

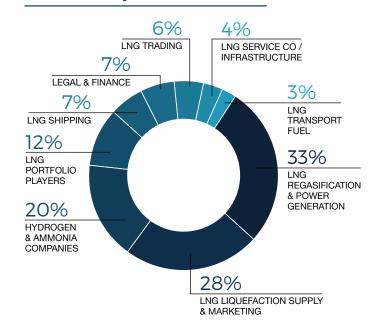
HOURS OF NETWORKING

Meet Your Business Objectives By Gaining Access To Key Decision Makers

The Japan Energy Summit & Exhibition 2023 delivered high-quality Japanese and international delegations with significant purchasing and decision-making authority. A spread of international, regional, and local attendees took part in the Summit.



Attendees By Sector







Key Takeaways From The Summit

Energy leaders from companies across the LNG, gas, hydrogen & ammonia value chains gathered in Tokyo for the **Japan Energy Summit & Exhibition** to share **industry perspectives** throughout a packed, business-focused agenda that reflected on the **ever-changing demands** of the Japanese and wider Asia-Pacific markets.

Led by a Keynote Address delivered by **Takeshi Soda**, Director of Petroleum & Natural Gas Division at the **Ministry of Economy Trade & Industry (METI)**, outlining the upcoming priorities and objectives for Japan's energy sector, followed by a global perspective on energy security by **Joseph McMonigle** of the **International Energy Forum (IEF)**, the opening sessions on LNG & Gas and Hydrogen, respectively, set the buoyant tone of the event for the three days.

Senior representatives from some of Japan's key energy operators in JERA, Tokyo Gas & Osaka Gas, explored the ongoing opportunities for LNG & Gas in Japan's energy mix, alongside supply perspectives from Venture Global LNG & Cheniere Marketing Ltd. Next up, and closely linked in terms of Japan's future energy make-up, Daryl Wilson, Executive Director of the Hydrogen Council, chaired a critical session diving into how Japan can progress to becoming the world's first hydrogen economy, alongside Japan's New Energy and Industrial Technology Development Organisation (NEDO), Japan Bank for International Cooperation (JBIC), Kawasaki Heavy Industries and King & Spalding.





Key Takeaways From The Summit

This set the scene for lively discussions on energy trading and financing before a series of wide-ranging presentations and exchanges on innovative technologies from leading providers including **Topsoe**, **ABB**, **Tallgrass** & **Helical Fusion**, which can help the industry to decarbonise energy markets.

A key highlight of the event took place on the morning of Day 2, with the **Women in Energy Networking Breakfast** - an important addition to this Summit, and extremely well-received by the industry; a clear example of the huge value to be unlocked in Japan's workforce. Pertinent sessions on **zero-emission mobility** and perspectives on **decarbonisation opportunities** from the maritime industry and other energy-intensive sectors led the discussions throughout Day 2, alongside a well-rounded panel discussion on **developing new markets & applications for ammonia**, with key learning applicable beyond the shores of Japan.

The final day hosted sessions of equal standing, featuring a topical discussion on carbon credits based around an overview on Japan's eagerly anticipated new emissions trading system, the "GX League" by METI, which is due to launch in April 2023. This was followed up by an expansive and thought-provoking panel, where METI, IEA, Hitachi, Air Liquide, The Institute of Energy Economics, Japan (IEEJ), and HyWealth shared perspectives on how Japan can reach its carbon neutrality target by 2050.

With the global impact of the recent Inflation Reduction Act (IRA) announcement from USA touching many of the discussions throughout the week, the Summit's Chair, Nobuo Tanaka, Former Executive Director of the International Energy Agency (IEA), reflecting on the insights shared, highlighted the need for regulation and meaningful incentives to be delivered in order for Japan to keep pace, both as a world leader and an attractive market for investment, in the energy transition.





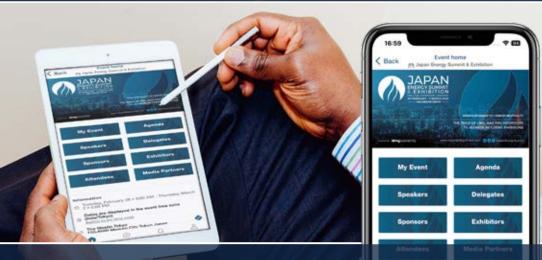






3 Day Summit 28 February - 2 March

International Exhibition 28 February - 2 March





Japan Energy Summit
Networking App

Unrivalled Networking Opportunities 28 February - 2 March



Japan Energy Summit & Exhibition 2023 At A Glance





Japan Energy Summit & Exhibition 2023 At A Glance









With Thanks To The Distinguished Speakers



TAKESHI SODA

Director, Petroleum
& Natural Gas Division
Ministry of Economy,
Trade & Industry
(METI)



NOBUO TANAKA
Former Executive Director IEA



JOSEPH MCMONIGLE Secretary General International Energy Forum (IEF)



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Executive Officer,
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LNG Business Dept.
Tokyo Gas



HITOSHI NISHIZAWA

Executive Officer,
Head of the LNG Contract,
Management Division
JERA



TAKASHI ISHIZAKI
President & Representative
Director of Tokyo
Commodity Exchange
JPX



Director General for Energy Transformation Strategy Japan Bank for International Cooperation (JBIC)



PETER VANG CHRISTENSEN Senior Vice President, Clean Fuels & Chemicals – Technology Topsoe



TOSHIYUKI SAKAMOTO

Board Member, Director, Climate
Change & Energy Efficiency Unit
The Institute of Energy
Economics, Japan
(IEEJ)



DARYL WILSON
Executive Director
Hydrogen Council



EIJI OHIRA

Director General,
Fuel Cell & Hydrogen Office
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CLAUDIO FACCHIN
CEO
Hitachi Energy Ltd.



KLAUS MEDER
President & Representative
Director
Bosch Corporation



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Director, International Affairs
Office, Industrial Science,
Technology & Environment
Policy Bureau
Ministry of Economy,
Trade & Industry (METI)



Deputy Director, Environmental Economy Office, Industrial Science and Technology Policy & Environment Bureau Ministry of Economy, Trade & Industry (METI)



DR. KATSUYA MORIMOTO

Executive, Group Manager,
Technology Group, Hydrogen
Strategy Division
Kawasaki Heavy Industries



ALICIA EASTMAN
President
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KAUSHAL RAMESH
Vice President, LNG
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JUSTIN WU

Managing Director,
Co-Head of Climate
Change Asia Pacific
HSBC



BRIAN RYAN
VP, Innovation
National Grid Partners



KATSUMI KURODA
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Cheniere Marketing
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DOUGLAS WHARTON
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LNG Marketing
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JUANCHO EEKHOUT
Vice President
of Business Development
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Mitsui O.S.K. Lines, Ltd.



MASASHI SHIMANUKI
Deputy General Manager,
Hydrogen Business Dept.
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YURIY HUMBER
Founder
Japan NRG



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ABB K. K.



AJAY SINGH
Managing Director
Global Energy
Development Ltd



EMI ONOZUKA CEO Eminent Group Ltd.



TETSURO TOYODA

Senior Advisor LNG Trading
The Kansai Electric
Power Co



HIROSHI HASHIMOTO
Head of Gas Group
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Senior General Manager,
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JACOBSEN
Senior Business Development
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Development
Topsoe



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General Manager
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International



PHILIPPE SOMERS
Head of Energy x Projects,
North Asia
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With Thanks To The Distinguished Speakers



HIROFUMI TABA Energy & Infrastructure Partner **Linklaters Tokyo**



ALISON NELSON Vice President, Business Development **Tallgrass**



DR. TOSHIHIKO AWANO Deputy General Manager **IHI Corporation**



DAVID GREELY Chief Economist **Abaxx Exchange**



DAN FELDMAN Partner King & Spalding



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Director, Global Coordination Division, Hydrogen & CCS Project Department & Carbon Neutral Team (Energy Business), Carbon **Neutral Promotion Headquarters** Japan Organization for **Metals & Energy Security** (JOGMEC)



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Head, Gas Market **Analysis Department Gas Exporting Countries Forum**



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BUNRO SHIOZAWA

Executive Advisor Clean Fuel Ammonia Association



SHUSAKU TSUBOTA

Executive Vice President Diamond Gas International Pte. Ltd. Japan Branch



TOSHIYUKI HAGIWARA

Director, General Manager of Storage Engineering Dept. Japan CCS Co., Ltd



JOREN KIPPERS

First Secretary, Head of Economic & Trade Section **Embassy of the Kingdom** of Belgium to Japan



YO FUKUI CEO

FUKUI Seisakusho



JUN ARIMA

Senior Policy Fellow for **Energy and Environment Economic Research** Institute for ASEAN & East Asia (ERIA)

With Thanks To The

Distinguished Speakers



DR. PROF. KATSUHIKO **HIROSE**

CEO & Chief Consultant HyWealth



KATSURA FUKUDA

Policy Researcher Mitsubishi Research Institute, Inc. (MRI)



Executive Advisor European Energy Exchange AG



HIROSHI NAMBO Branch Representative - Japan **Global CCS Institute**



TAKAYA TAGUCHI CEO **Helical Fusion**



YASUMASA TSUGANE

Senior Marketing Manager, Energy & Environment Dept, Commodity Trading & Risk Management Division Mitsui & Co. Ltd



SANKET BOTHRA Senior Business **Development Manager** ChemOne Group



FAUZIAH MARZUKI Head of APAC Gas, Power, Carbon **BloombergNEF**



MINA SEKIGUCHI Managing Partner Resonancia LLC

















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Clean Fuel Ammonia Association

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Daily Japan Shipping News

Dare Global

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Economic Research Institute For Asean And East Asia (ERIA)

Embassy Of Canada To Japan

Embassy Of The Kingdom Of Belgium To Japan

Embassy Of Ukraine In Japan

Eminent Group, Ltd **ENEOS Corporation**

EU-Japan Centre For Industrial Cooperation

European Energy Exchange Ag

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Flyability

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Jupiter Advisors

JX Nippon Oil & Gas Exploration Corporation

Karagachaganak Green Energy Corporation Llp

Kawasaki Heavy Industries

King & Spalding

King Abdullah University Of Science & Technology (KAUST)

Kobe Steel Ltd

Kogas

Konan University

KPI FR

Kumul Petroleum Holdings Limited

Kvoto University

Linklaters Tokyo

LNG Japan Corporation

Low Emission Technology Australia

Ministry Of Economy, Trade And Industry (METI)

Ministry Of Energy - Kingdom Of Saudi Arabia

Mitsubishi Corporation Mitsubishi Gas Chemical

Mitsubishi Heavy Industries

Mitsubishi Research Institute, Inc. (MRI)

Mitsubishi UFJ Capital

Mitsui & Co. Ltd.

Mitsui O.S.K. Lines, Ltd.

Morrison & Foerster Llp

National Grid Partners

Nevadanano

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Organization (NEDO) Nexco Japan Co Ltd

Nextdecade

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Shimadzu Rika Corporation

Shin Pyeongtaek Power Corporation

Siemens Gamesa Renewable Energy

Suruhaniava Tenaga

Swish Japan Inc. Swissnex In Japan

Syntheticgestalt Kk

Tallgrass Energy

Tasco Corporation TB Global Technologies Ltd.

The Institute Of Energy Economics, Japan (IEEJ)

The Japan Gas Association

The Kansai Electric Power Co.,Inc

The University Of Tokyo

Therma Luzon, Inc.

Titan Greentech

Tocom, Jox Group Tokyo Electric Power Company

Tokyo Gas

Topsoe

Toyo Kanetsu K.K. Toyota Tsusho Corporation

Trailstone Group

Trelleborg Marine Systems UK

Umicore Catalyst USA, Llc

University Of The Philippines - Diliman

Venture Global LNG Vergnet Pacific

Veson Nautical

Western LNG Llc Woodside Energy

Yaseen Traders Zeva & Associates



Women in Energy Networking Breakfast

The Women in Energy Networking Breakfast is a unique feature for the Japanese energy industry and had a fantastic turnout on the morning of Day Two of the Japan Energy Summit & Exhibition. It brought together executives from across the energy value chain to discuss the latest industry trends, and opportunities to enhance diversity and representation in Japan's energy market.





Media Coverage



TOKYO, Japan - IEF Secretary General Joseph McMonigle highlighted the need to strengthen global energy security during a visit to Tokyo this week ahead of the GP Hiroshima Summit in



Marketing Activity

Web Traffic



95,938

Unique Users



199,506

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600

Brochure Downloads



60,000

Email Reach (relevant database contacts)



171

Geo Reach (countries)

Audience



12,675,846

Impressions

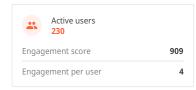


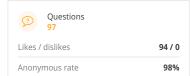
228,030

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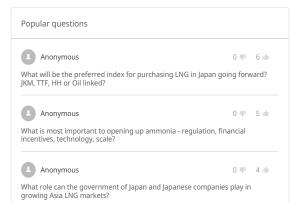
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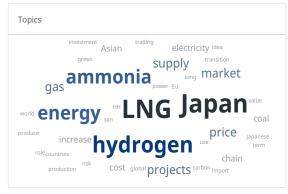
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