



**JAPAN**  
ENERGY SUMMIT  
& EXHIBITION

18-20 JUNE  
2025  
TOKYO BIG SIGHT

# Accelerating the Global Energy Transition

Where industry leaders, government officials and innovators meet to shape the future of energy

## Conference Programme

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**Kadri Simson** Commissioner for Energy, European Commission delivering her Opening Ceremony Speech at Japan Energy Summit & Exhibition 2024

## Asia's most essential international event dedicated to shaping resilient and sustainable energy systems

To successfully stabilise, decarbonise and grow, the future of global energy systems hinges on leadership in key areas such as supply chain diversification, energy efficiency policies and the forging of multilateral partnerships, all while embracing advanced technologies. As global energy demands continue to surge, especially within complex and multifaceted supply chains, 2025 is set to be a pivotal year as the world looks to Japan for innovation and leadership following the release of its latest Strategic Energy Plan.

In June 2025, Tokyo will once again host Asia's most essential international event dedicated to shaping resilient and sustainable energy systems. The Japan Energy Summit & Exhibition, spanning three days, will provide an unparalleled platform for global energy leaders to engage in high level discussions shaping the future of energy security, sustainability and economic growth. Featuring prominent speakers from Ministers to global CEOs and technology innovators, the Strategic Summit will foster critical dialogue on emerging business models, policy developments and market opportunities.

By gathering leading global figures to discuss the energy sector's most timely and impactful topics, the Japan Energy Summit & Exhibition will be a defining event for the energy sector in 2025, fostering collaboration and enabling secure and pragmatic growth across the world's diverse energy value chains. Delivered by dmg events, the organisers of ADIPEC, Gastech and India Energy Week, the Japan Energy Summit & Exhibition builds on the robust foundations of a portfolio of over 40 international industry events, all of which play a central role in accelerating a secure, resilient and sustainable energy future.



# Event Overview

With a clear focus on decarbonisation and sustainable growth, Japan Energy Summit & Exhibition unites global leaders to drive advancements across critical sectors such as natural gas & LNG, hydrogen, ammonia, renewable energy, AI and digitalisation. The conference, exhibition, energy club and networking opportunities provide exclusive access to industry-shaping developments, empowering participants to stay ahead of the rapidly evolving energy landscape and actively contribute to conversations that will accelerate the global energy transition.

## KEY FEATURES OF THE EVENT INCLUDE:

### STRATEGIC SUMMIT

High-level discussions and policy-making sessions that shape the future direction of the energy sector.



### LEADERSHIP ROUNDTABLES

Government and industry leaders are brought together to discuss and debate the strategies needed to reshape tomorrow's energy ecosystems.



### TECHNICAL CONFERENCE

In-depth presentations and seminars on the latest technical advancements, scientific research and engineering solutions.



### EXHIBITION

A showcase of the latest products and solutions from around the world, providing direct insights into the future of energy.



### JAPAN ENERGY CLUB

The Japan Energy Club is a unique business focused club connecting energy industry leaders, innovators, and influencers.



### THE CLIMATE TECH ZONE & THEATRE

A dedicated zone for climate technology innovations, at the forefront of climate solutions.



# Event Profile

The exhibition is set to showcase cutting-edge technologies and solutions that will play a pivotal role in decarbonising Asia's global energy value chains and driving accelerated growth across the world's energy markets. Products and solutions exhibited will be focused across the following profiles:

## NATURAL GAS & LNG

Enhancing Natural Gas and LNG as Transitional Energy Sources

## HYDROGEN & AMMONIA

Scaling Hydrogen and Ammonia for Decarbonisation

## LOW CARBON SOLUTIONS

Promoting CCUS and Carbon Recycling

## RENEWABLE ENERGY

Accelerating Deployment of Renewable Energy

## PORTS & SHIPPING

Steering Global Energy Transitions through Ports and Shipping

## NUCLEAR ENERGY

A Re-Emerging Pillar of the Future Energy Mix

## ENERGY EFFICIENCY, DIGITALISATION & AI

Advancing Energy Efficiency and Demand-Side Energy Conversion



# Strategic Summit

The Strategic Summit at Japan Energy Summit & Exhibition unites the most influential leaders and decision-makers in the global energy sector to drive critical discussions that are essential for advancing the energy transition.

Over the course of three days, delegates will delve into key topics such as energy demand, security, sustainability, transformation, and the role of AI and digitalisation. Featuring keynote speeches, expert panel discussions, and in-depth case studies, the Summit will provide groundbreaking insights into the challenges and opportunities shaping the energy landscape. The agenda is designed to be directly relevant to current industry needs, offering timely, actionable information that will have a transformative impact on those attending.

Delegates can anticipate discussions around balancing power demand with decarbonisation efforts, leveraging international collaboration to foster innovation, and exploring the latest solutions in energy efficiency and digitalisation. This event offers a comprehensive platform for energy leaders to navigate complex challenges, form strategic partnerships, and seize opportunities, all with the goal of ensuring a sustainable and resilient energy future.

## Themes

Conference themes serve as the guiding framework for the event's content and discussions, outlining key areas of focus and directing attention to the most relevant and impactful topics. These themes provide structure to sessions and presentations, ensuring that the content aligns with the overarching objectives of the event.



### ENERGY DEMAND

Balancing rising power demand and decarbonisation objectives to deliver a pragmatic energy transition



### GREEN TRANSFORMATION

Leveraging public and private spending to accelerate the deployment of tomorrow's clean industry



### ENERGY SUPPLY

Maintaining a robust low carbon energy mix to ensure supply resilience under different scenarios



### ENERGY COLLABORATION

Fostering global partnerships to promote technology sharing and ensure energy security



### ENERGY DIGITALISATION & AI

Developing and commercialising new digital technologies to achieve decarbonised societies

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Leaders Panel at Japan Energy Summit - Unlocking Hydrogen's Potential. From left to right Honourable Brian Jean, ECA, KC, Minister of Energy and Minerals, Government of Alberta | Eiji Ohira, Director General, Fuel Cell & Hydrogen Office Advanced Battery & Hydrogen Technology Dept., New Energy and Industrial Technology Development Organization | Hayley Pham, VP, Business Development, Asia Pacific, Low Carbon Solutions, ExxonMobil | Juancho Eekhout, VP - Development of Low Carbon Solutions, Sempra Infrastructure | Dan Feldman, Partner, King & Spalding | Keiichiro Segawa, Chief Executive Staff Officer, Hydrogen Strategy Division, Kawasaki Heavy Industries, Ltd.



# Executive Committee

This assembly of leaders from across the global energy industry represents a broad range of experience and perspectives focused on addressing the challenges facing the energy industry today and the path forward to a secure and stable energy future.

With a commitment to fostering collaboration and open dialogue, the Executive Committee members are leading the agenda that will determine the course for a successful energy transition and a sustainable, just global energy system of tomorrow.

Their expertise has been crucial in identifying and selecting the most essential topics and insightful speakers for the event to deliver a world-class strategic summit.



**Nobuo Tanaka**  
Executive Director Emeritus  
International Energy Agency (IEA)



**Hitoshi Nishizawa**  
SVP, LNG Division  
JERA Inc.



**Yumiko Yao**  
Executive Officer, Senior General Manager of LNG Business Dept. Energy Trading Company, (Joint Role) President of TOKYO LNG TANKER CO., LTD.  
Tokyo Gas Co., Ltd.



**Shigeru Muraki**  
President  
Clean Fuel Ammonia Association



**Katsumi (Ken) Kuroda**  
Senior Advisor  
Cheniere Marketing Ltd



**Shinya Naka**  
SVP, General Manager, Environmental Energy Group CEO Office  
Mitsubishi Corporation



**Kohei Toyoda**  
Director General for Energy Transformation Strategy, Energy and Natural Resources Finance Group  
Japan Bank for International Cooperation (JBIC)



**Max Takahashi**  
Director and Managing Executive Officer  
Japan Marine Science Inc.



**Varun Gujral**  
CEO Asia Pacific  
ENGIE Global Energy Management & Sales (GEMS)



**Hiren Mehta**  
CCO  
(Green Hydrogen & Ammonia)  
ACME Group



**Lachlan Clancy**  
Partner  
Herbert Smith Freehills



**Genta Okamoto**  
GM, Corporate Strategy & Planning Unit, Corporate Strategy & Planning Division  
INPEX CORPORATION



**Hiroshi Nambo**  
Branch Representative – Japan  
Global CCS Institute



**Alejandro Barbajosa**  
Research Specialist  
ADNOC



**Momoyo Yuki**  
Head of Research & Analysis, Overseas Carbon Neutral Business Dept. Overseas Business Division II  
Japan Petroleum Exploration Co., Ltd.



**Masami Takenaka**  
Senior General Manager, Green Solution Project  
Asahi Kasei



**Tetsuro (Ted) Toyoda**  
Senior Adviser LNG Trading  
The Kansai Electric Power Co., Inc.



**Yuriy Humber**  
Founder  
Japan NRG



# A Selection of Past Strategic Summit Speakers

Japan Energy Summit & Exhibition has proudly welcomed influential speakers addressing key trends, policy dynamics and strategic challenges facing the energy sector today. With even more Government and industry leaders confirming for the next edition, delegates attending the Strategic Summit will hear game-changing insights as they provide visionary leadership and the strategic direction necessary for navigating the complex landscape of global energy markets.



**Kathy Wu**  
Regional President Asia Pacific, Gas & Low Carbon Energy  
bp



**Hayley Pham**  
VP Business Development, Asia Pacific, Low Carbon Solutions  
ExxonMobil



**Hiroshi Okamoto**  
CTO  
TEPCO Power Grid



**Jarand Rystad**  
CEO  
Rystad Energy



**Varun Gujral**  
CEO Asia Pacific  
ENGIE Global Energy Management & Sales (GEMS)



**Shinichi Kihara**  
Director General for International Policy on Carbon Neutrality  
Ministry of Economy, Trade and Industry (METI)



**Izuru Kobayashi**  
Deputy Director General for Environmental Affairs  
Ministry of Economy, Trade and Industry (METI)



**Kadri Simson**  
Commissioner for Energy  
European Commission



**H.E. Rachmat Kaimuddin**  
Deputy Minister for Infrastructure and Transportation Coordination  
Coordinating Ministry of Maritime Affairs and Investment of the Republic of Indonesia



**Hon. Brian Jean, ECA, KC**  
Minister of Energy and Minerals  
Government of Alberta



**Claudio Facchin**  
CEO  
Hitachi Energy



**Joseph McMonigle**  
Secretary General  
International Energy Forum (IEF)



**Hitoshi Nishizawa**  
SVP, LNG Division  
JERA Inc.



**Yumiko Yao**  
Executive Officer, Senior General Manager of LNG Business Dept. Energy Trading Company, (Joint Role) President of TOKYO LNG TANKER CO., LTD.  
Tokyo Gas Co., Ltd.



**Klaus Meder**  
President and Representative Director  
Bosch Corporation



**Yuya Hasegawa**  
Director Energy Resource Development Division  
Ministry of Economy, Trade and Industry (METI)



**Eiji Ohira**  
Director General, Fuel Cell & Hydrogen Office  
Advanced Battery & Hydrogen Technology Dept.  
New Energy and Industrial Technology Development Organization (NEDO)



**Takashi Kawai**  
Director, Ocean Development and Environment Policy Division, Maritime Bureau  
Ministry of Land, Infrastructure, Transport and Tourism (MLIT)



**Shinichi Sasayama**  
CEO, President, Representative Executive Officer  
Tokyo Gas Co., Ltd.



**Junya Tawa**  
Senior Managing Executive Officer, Chief Strategy Officer (CSO) and Head of the Planning Division  
JERA Inc.



**Katsumi (Ken) Kuroda**  
Senior Advisor  
Cheniere Marketing Ltd



**Nathalie Oosterlinck**  
Managing Executive Officer, Head of the Global Renewable Energy Division  
JERA



**Srimonto Ghosh**  
VP, Origination & Customer Solutions  
Chevron



**Keiichiro Segawa**  
Chief Executive Staff Officer, Hydrogen Strategy Division  
Kawasaki Heavy Industries, Ltd.



**Juancho Eekhout**  
VP Business Development LNG and Net Zero Solutions  
Sempra Infrastructure



**Takayuki Ueda**  
President & CEO  
INPEX CORPORATION



**Satoshi Tanazawa**  
Senior Managing Executive Officer, Chief Executive of Energy Trading Company  
Tokyo Gas



**Tetsuya Watanabe**  
President  
ERIA



**Nobuo Tanaka**  
Executive Director Emeritus  
International Energy Agency (IEA)



**Helle Kristoffersen**  
President of Asia and member of the Executive Committee  
TotalEnergies



**Yoshiki Fujii**  
Fellow (Energy, Environment, Disaster Prevention), Assistant of the officer in charge of Green Transformation Strategy Headquarters  
JFE Steel Corporation



**Tetsuro Wada**  
Division C.O.O, Next Generation Energy Div., Environmental Energy Group  
Mitsubishi Corporation



**Tomoaki Ichida**  
Executive Officer  
Mitsui O.S.K. Lines, Ltd.



**Nakai Tomomi**  
Executive Officer & General Manager of GX Administration Division, Strategic Business Promotion Group  
Toda Corporation



**Alicia Eastman**  
President  
InterContinental Energy

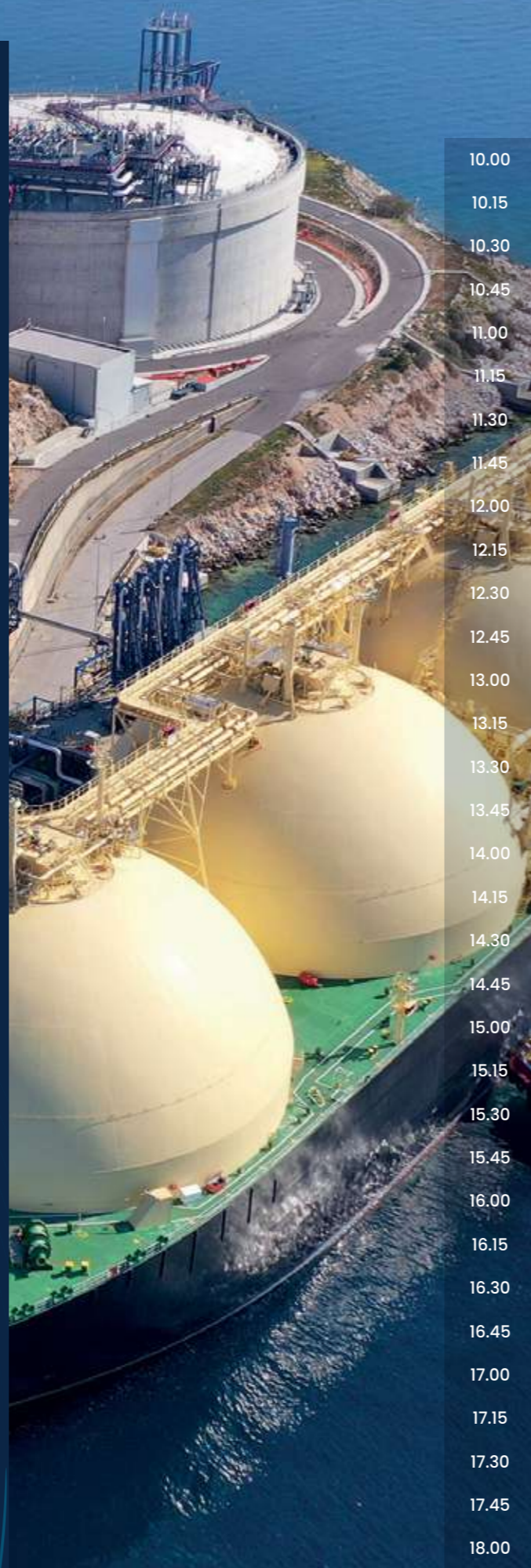


# Strategic Summit at a Glance

The agenda is carefully structured around the core conference themes—**Energy Supply, Energy Demand, Energy Collaboration, Green Transformation, and Energy AI & Digitalisation**—which run as a consistent thread through each day's sessions.

These themes shape not only the high-level keynote presentations but also the in-depth panels and roundtable discussions that delve into the strategic and technical elements of the energy transition.

Each session is meticulously curated to align with these guiding themes, ensuring that attendees gain actionable insights into balancing energy supply and demand, leveraging digital technologies, fostering global partnerships, and driving green industry growth.



## Day One Wednesday, 18 June 2025

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18.00

<b>OPENING CEREMONY</b>
<b>Securing tomorrow: A vision for sustainable growth in the energy sector</b>
<b>Accelerating Asia's ambitions: Fostering international cooperation for a sustainable future</b>
<b>Balancing rising power demand and decarbonisation objectives to deliver a pragmatic energy transition</b>
<b>NETWORKING LUNCH</b>
<b>Natural gas and LNG's critical role in delivering Asia's energy transition</b>
<b>Accelerating the development and maturity of Japan's hydrogen market</b>
<b>Investing in regional power supply facilities to drive sustainable economic growth in Japan</b>
<b>Using innovative technologies and cross-border collaborations to decarbonise hard-to-abate industries</b>
<b>Balancing unprecedented and rising energy demands driven by AI and data centres across Asia with emerging economic and market opportunities</b>
<b>On time and on budget: Optimising projects, boosting productivity and promoting sustainability in the EPC sector</b>

## Day Two Thursday, 19 June 2025

<b>Harnessing CCUS: Transforming Asia's industrial and energy sectors</b>
<b>Japan's role in facilitating robust gas markets to advance Southeast Asia's energy transition</b>
<b>Accelerating infrastructure interconnectivity to meet growing energy demands</b>
<b>Unlocking energy transition opportunities in shipping</b>
<b>NETWORKING LUNCH</b>
<b>Collaborating to scale ammonia use and advance decarbonisation objectives</b>
<b>Investing in regional power supply facilities to drive sustainable economic growth in Japan</b>
<b>Putting a price on carbon to achieve emission reduction and finance the low-carbon economy</b>
<b>Empowering Asia: Financing the future of clean energy</b>
<b>Power markets: Creating a reliable, affordable, and integrated electricity system through markets and market-like mechanisms</b>
<b>Women in Energy: Increasing representation in the energy sector to foster innovation, address skill shortages, and enhance competitiveness</b>

## Day Three Friday, 20 June 2025

<b>Achieving a net-zero future: Strategic directions and innovations in nuclear power</b>
<b>Investing in green fuels to create a virtuous circle of growth and distribution</b>
<b>From sun to sea: Harnessing Japan's renewable potential to drive sustainable growth</b>
<b>NETWORKING LUNCH</b>
<b>ASEAN Power grid: What will it take to realise an inter-island grid in Southeast Asia?</b>
<b>Beyond the grid: The role of batteries in sustainable energy solutions</b>
<b>Building a resilient supply chain for critical minerals to support the clean energy transition</b>
<b>CLOSING REMARKS</b>
<b>SIMULTANEOUS TRANSLATION THROUGHOUT</b>





# Day One

## Wednesday, 18 June 2025

10.00 – 10.30  
**OPENING CEREMONY**

10.30 – 11.15  
**Securing tomorrow: A vision for sustainable growth in the energy sector**

There's no single solution for the energy transition. The global energy sector must adopt diverse strategies that blend technological innovation, infrastructure investment, and new business models to shape its future. In an era of rapid change, rising energy demands, and pressing climate challenges, this panel will unite visionary CEOs to explore ground-breaking technologies, policy frameworks, and investment opportunities for achieving sustainable growth in energy.

**Attendee Insights:** Gain insights into the future landscape of energy, the integration of bold and transformative policies, and how to balance economic growth with environmental stewardship.

11.15 – 12.00  
**Accelerating Asia's ambitions: Fostering international cooperation for a sustainable future**

Inter-government commitments, such as the Asia Zero Emission Community (AZEC), highlight the critical role collaboration will play in the development of new supply chains and a broader economy for commodities such as hydrogen and ammonia, alongside low carbon LNG and technologies including CCUS. From financing to technology, policy to regulation, partnerships are driving progress in energy, helping developing nations to transition and grow, and mature markets to decarbonise and innovate. This commitment to forward-thinking strategies will not only facilitate a smoother transition to a low-carbon economy but also foster resilience and innovation, ultimately driving sustainable growth for future generations. To what extent are new energy trading maps and supply chains threatened by geopolitical tensions? How are countries addressing the challenges of transitioning to a lower carbon, diversified energy mix? What impact will new NDCs, and initiatives agreed at COP29 have on decarbonisation pathways in Japan and globally?

**Attendee Insights:** Explore how new collaborative policies and initiatives are shaping Asia's energy transition pathways, and what impact new and emerging trends are likely to have on energy security, sustainability, and economic growth.

12.00 – 12.45  
**Balancing rising power demand and decarbonisation objectives to deliver a pragmatic energy transition**

Balancing the surging demand for power with the urgent need for decarbonisation is not just a challenge – it's an opportunity to drive investment and economic growth while advancing a sustainable energy transition. As population growth and electrification of key sectors propel energy consumption, energy leaders must invest in diverse energy sources, including renewables, nuclear, and innovative technologies like energy storage and smart grids. This transition can catalyse job creation, stimulate technological advancement, and enhance energy security. By actively engaging communities and implementing equitable policies, we can foster widespread support and participation in this transformative journey. Moreover, global collaboration and technology transfer will amplify efforts, ensuring that every nation can contribute to and benefit from a greener future. By embracing this proactive approach, we can unlock a robust, resilient energy landscape that meets the needs of today while safeguarding future decarbonisation objectives.

**Attendee Insights:** Understand how the energy industry can balance rising power demand with decarbonisation objectives to achieve a pragmatic transition.

12.45 – 13.30  
**NETWORKING LUNCH**

13.30 – 14.15  
**Natural gas and LNG's critical role in delivering Asia's energy transition**

Global demand for LNG is estimated to rise by more than 50% by 2040, according to Shell, citing industrial coal-to-gas switching gathers pace in China, and South and Southeast Asian countries use more LNG to support their economic growth. Specifically, driving factors across the region include energy transition and the cleaner energy profile of natural gas; power demand growth in the region, which has grown 5.7% annually—more than double the global average; and depletion of domestic gas resources in some regional countries, prompting increased investments in LNG terminals. However, the actual transition trajectory will depend on various factors including infrastructure development, price dynamics, and the pace of renewable energy adoption. As global demand for LNG continues to rise for the foreseeable future, how can Asian countries negotiate and secure supply in what may be the beginning of a premium market? For countries with commitments to carbon neutral goals, what are the carbon management technologies that offer the greatest promise to balancing emissions from natural gas and LNG's lower carbon footprint? The Coalition for LNG Emission Abatement toward Net-zero (CLEAN) was created to collect data on LNG methane emission management and reduction efforts; what progress has it made since it launched in 2023 and how is it expected to shine a light on emerging best practices for methane reduction across the LNG value chain? In anticipation of competitive market impacts and a projected returns to colder winters, what can we expect in terms of supply protection measures such as Japan's Strategic Buffer LNG framework; and how may they impact global markets in the short-term?

**Attendee Insights:** Examine the demand-supply outlook for natural gas and LNG, what this means for the shape of the market, and its impact on decarbonisation pathways.

14.15 – 15.00  
**Accelerating the development and maturity of Japan's hydrogen market**

Long a pioneer in technological innovation, Japan is leading the global charge towards a zero-carbon future, with hydrogen at the heart of its ambitious plans. Beginning in 2017 with the Basic Hydrogen Strategy, the country now boasts a range of initiatives to accelerate adoption, establish value chains, and advance the development of hydrogen-related technologies. Two subsidy schemes approved in 2024, covering contract for difference (CfD) and industrial development, seek to tackle the 'chicken and egg' challenge by supporting both supply and demand side, and replicate similar efforts in Europe, South Korea and the USA to support the low carbon hydrogen market. Whilst costs of production remain high relative to other fuels, advances in hydrogen and ammonia technologies, shipping and infrastructure are helping to develop the international value chains critical to scaling the industry. Where should financial instruments – including CfD – be targeted to maximise demand and supply sides, and what is the investment appetite? Can the currently proposed projects secure the contracts that are needed to build at scale? What bilateral and multilateral agreements should be prioritised to facilitate the sharing of knowledge, technologies and best practices? What can hydrogen learn from LNG's development and commercialisation pathway?

**Attendee Insights:** Explore the role international collaboration, technology, and innovative financing will play in accelerating the deployment and adoption of hydrogen.

15.00 – 15.45  
**Investing in regional power supply facilities to drive sustainable economic growth in Japan**

Regional power companies within Japan face significant challenges in achieving carbon neutrality by 2050, primarily due to grid constraints that limit the integration of renewable energy sources. To address this, Japan has set a target of 24 GWh of electricity storage battery capacity by 2030 (10 times larger than in 2019), aims to increase transmission capacity between regions from 600 MW to 900 MW, is working to improve supply-demand balance in areas with tight outlooks and supporting diversification of the energy landscape. Companies are also playing their role by prioritising investment in advanced technologies, including grid modernisation and expansion to meet the growing electricity demand, long-duration energy storage (LDES) technologies, and more. How is spiking power demand from energy-intensive industries like data centres and semiconductor manufacturing impacting an already strained set of regional power infrastructures across Japan? What are the complementary roles of public and private investment in ensuring grid optimisation, renewable energy integration, and addressing supply challenges? What policy measures, such as regulatory reforms and financial incentives, are required to ensure a sustainable and secure energy future? What learnings and best practices might Japan provide to other countries challenged by a disconnected, complex and cost-intensive power infrastructure?

**Attendee Insights:** Explore how Japan's regional power companies intend to overcome grid constraints, regulatory challenges, and investment needs to achieve carbon neutrality by 2050 while integrating renewable energy, supporting AI and data centre growth, and ensuring a reliable energy supply.

15.45 – 16.30  
**Using innovative technologies and cross-border collaborations to decarbonise hard-to-abate industries**

According to McKinsey, \$275 trillion in cumulative spending on low-emissions assets will be required to reach net zero by 2050. Scaling climate technologies, integrating new techniques and fuels, and setting up new supply chains all impact profitability and competitiveness, making the transition more challenging. Cross-border collaborations play a critical role by sharing advanced technologies and innovations, supporting joint investments in new projects, and helping to align policies and standards to optimise supply chains. Measures such as offsetting, carbon removals and credits increase costs, leading some to offshore emissions to remain competitive. How can policies and regulations be aligned to harmonise local, national, and cross-border priorities, and encourage domestic investment? What technologies should be prioritised to ensure rapid and cost-effective decarbonisation? How can companies improve energy efficiency and reduce waste to remain competitive? What lessons can be learnt from the EU's Carbon Border Adjustment Mechanism (CBAM) – are customers ready to pay?

**Attendee Insights:** Gain an understanding of how new processes, technologies, and policies can help decarbonise hard-to-abate sectors whilst creating value.

16.30 – 17.15  
**Balancing unprecedented and rising energy demands driven by AI and data centres across Asia with emerging economic and market opportunities**

Data centre capacity in the Asia-Pacific region is expected to double in the next five years according to Moody's, fuelled by the growing use of AI, digitalisation and cloud computing. While AI can deliver cost-savings through as predictive maintenance, improved energy efficiency and optimised operations, the rapid development of the Asian data centre market and AI capabilities brings correlating challenges due to spiking energy demand. For instance, Japan's energy demand is projected to account for around 4-5% of total power consumption by 2030, up from 0.5% in 2024, largely driven by the increased need from semiconductor factories and data centres supporting AI. How can policymakers balance socio-economic benefits this emerging new market can create with the challenges delivery spiking power supply through a challenged regionalised grid system? How can renewable energy targets be accelerated to meet the data centre market opportunity in the near-term? And how can policymakers safeguard sustainable energy practices and progress while prioritising technological market and economic growth?

**Attendee Insights:** Gain an understanding of how to effectively balance the increasing power consumption driven by AI advancements with the need for sustainability and efficiency.

17.15 – 18.00  
**On time and on budget: Optimising projects, boosting productivity and promoting sustainability in the EPC sector**

Like many industries across the sector and beyond, the global EPC industry is challenged to modernise, optimise, digitalise and decarbonise to keep pace with energy sector and global emissions management agendas that require pace and scale to maintain 1.5 °C. And this is in addition to the assessment by Bain & Co. that oil and gas projects face an average delay of 2.5 years, and an average cost overrun of 17%. To secure their place in a decarbonised energy future, EPC companies must evolve their capabilities including those needed to develop sustainable projects, build or attract new skills to their talent pools all while continuing to maintain their foundational fossil expertise to meet current and continuing project development. Priorities must be placed on continuing to increase sustainable engineering practices throughout project lifecycles; integrating advanced technologies like project and productivity management software, automation and AI; and embedding sustainability metrics and reporting into business and operational models. How can EPCs create balance between the modernisation investments needed to maintain relevance in a decarbonising world and robust maintenance in legacy operations to sustain critical fossil fuel supply requirements? How can EPCs build a talent agenda that meet two seemingly contradictory business trajectories: a proven fossil fuel foundation and a future decarbonised global system? Which technologies are expected to have the biggest impact on modernising the industry?

**Attendee Insights:** Understand how new technologies, working practices, and collaborative techniques are de-risking new capital spending, and helping EPCs deliver projects on time and on budget.

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# Strengthening Global Ties to Achieve Energy Security

**Satoshi Tanazawa**

Senior Managing Executive Officer  
Chief Executive of Energy Trading  
Company  
Tokyo Gas

**Helle Kristoffersen**

President of Asia & member of the Executive  
Committee  
TotalEnergies

**Kathy W**

Regional President As  
Gas & Low Carbon E  
bp



Leaders Panel at Japan Energy Summit 2024, Strengthening Global Ties to Achieve Energy Security. From left to right: • Michael Stoppard, S&P Global Commodity Insights • Takayuki Ueda, INPEX CORPORATION • Satoshi Tanazawa, Tokyo Gas • Helle Kristoffersen, TotalEnergies • Kathy Wu, bp • Tetsuya Watanabe, Economic Research Institute for ASEAN and East Asia (ERIA)

## Day Two Thursday, 19 June 2025

10.00 – 10.45

### Harnessing CCUS: Transforming Asia's industrial and energy sectors

The future growth opportunities for Carbon Capture, Utilization, and Storage (CCUS) in Japan and Asia are substantial. In Japan, the government has set ambitious targets to achieve carbon neutrality by 2050, with plans to scale up CCUS projects significantly by 2030. JOGMEC has selected several advanced CCS projects aimed at capturing and storing CO2 from various industries, including power, steel, and chemicals.

In the broader Asia-Pacific region, CCUS is seen as a critical technology for decarbonising hard-to-abate sectors and enabling blue hydrogen production. The region has the potential to achieve more than three gigatons of CO2 abatement per year by 2050, driven by competitive cost structures and strong engineering capabilities. Countries like China and Australia are already leading with operational CCUS facilities, and there is significant potential for growth in Southeast Asia. Is effective utilisation the key to commercialising carbon? What role will CCUS play in global decarbonisation? Can EPC and technology firms develop quickly enough to deliver CCUS at decreasing costs and global scale?

**Attendee Insights:** Explore new growth opportunities for Carbon Capture, Utilization, and Storage (CCUS) in Japan and Asia, and what role government initiatives, competitive cost structures, and strong engineering capabilities will play in its deployment.

10.45 – 11.30

### Japan's role in facilitating robust gas markets to advance Southeast Asia's energy transition

Southeast Asia faces a challenging journey towards reducing carbon emissions and adopting sustainable energy sources. Japan has emerged as a critical ally, providing financial support, cutting-edge technology, and helping to stimulate demand to help create a robust gas market. From biomass co-firing programmes in Indonesia to LNG-to-power projects in Vietnam, Japanese companies are collaborating to advance the region's energy transition agenda, leveraging their experience of partnering with offtaker's to ensure supply. Innovative technologies in co-firing, carbon capture and electrification can all play a role, alongside new energy efficiency processes and greater integration of renewable energy sources. But what impact will these measures have on cost, and therefore demand? Is it possible to build new LNG projects in Southeast Asia that are low cost and low carbon? How can CCUS technology be effectively implemented to reduce CO2 emissions from LNG production and processing?

**Attendee Insights:** Explore the critical role technology and partnerships will play in creating a robust regional gas market to advance the energy transition.

11.30 – 12.15

### Accelerating infrastructure interconnectivity to meet growing energy demands

Energy port infrastructure in Japan and Southeast Asia is rapidly expanding to meet growing energy demands and support the transition to cleaner energy sources. Japan is enhancing its LNG infrastructure, with investments in regasification terminals and LNG-fired power plants. Southeast Asia is diversifying its energy infrastructure with significant developments in hydropower in Laos, solar power potential in Indonesia, and new LNG terminals in Thailand, the Philippines, and Vietnam. Kobe Port has Japan's first hydrogen import terminal, crucial for expanding the hydrogen economy. Regional cooperation is also increasing, focusing on power grids, gas infrastructure, and EV charging stations to ensure energy security and sustainability. Where should the short-to-mid-term balance be found between investments in stable, existing infrastructures and newer, cleaner energy sources? How can financial institutions bridge the infrastructure gap in Asia Pacific? What role can green and smart infrastructure play in reducing emissions?

**Attendee Insights:** Gain an understanding of the existing infrastructure in Japan and Southeast Asia and how it is expanding to meet energy demands and support cleaner energy transitions.

12.15 – 13.00

### Unlocking energy transition opportunities in shipping

Japan's future shipping strategy for energy aims to achieve net-zero greenhouse gas emissions by 2050 through significant investments in clean fuels like hydrogen and ammonia, the development of zero-emission ships, and improvements in energy efficiency. The strategy involves collaboration with stakeholders across the energy, port, and shipbuilding industries, as well as regulatory support from international bodies like the International Maritime Organization. Realisation of the IMO's 2030 emissions reduction target will depend on fuel availability as well as shipboard technology, which both face significant challenges scaling up and expanding their usage. Will sufficient volumes of ammonia and methanol be available to hit 2030 targets? What is the long-term decarbonisation pathway by 2050 and its implications for shipping? How is the carbon supply chain expanding throughout Asia? What are the commercial opportunities, and who stands to benefit? How is appetite for green corridors progressing? Will the Singapore cluster prove a success?

**Attendee Insights:** Examine Japan's future shipping strategy and how it intends to achieve net zero greenhouse gas emissions by 2050 through investments in clean fuels, zero-emission ships, and energy efficiency.

13.00 – 13.45

### NETWORKING LUNCH

Agenda correct at time of production





## Day Two Thursday, 19 June 2025

13.45 – 14.30

### Collaborating to scale ammonia use in Asia and advance decarbonisation objectives

As the world turns its attention to cleaner energy alternatives, Japan has committed to being a pioneer player in the emerging global value chain for ammonia, with JERA aiming to handle 7 million tons every year by 2035, primarily for use in thermal power generation to replace coal, and in shipping. This approach allows for the gradual increase in the proportion of ammonia, position Japan as a leader in ammonia technology and promoting decarbonisation, whilst stimulating economic growth and job creation. By working with international partners, Japan will establish a robust supply chain and promote the global adoption of ammonia as a key energy source. From handling to safety protocols and certification and labelling, what new policies and frameworks are required to transform the value chain for ammonia and drive transparency? Is the distribution and storage infrastructure prepared for higher trade volumes in 2030? What efforts are being made to reduce CO2 emissions throughout the ammonia supply chain? What advances have been made in co-firing and turbine technology?

**Attendee Insights:** Understand what new policies and frameworks are required to transform the ammonia value chain and drive transparency.

LEADERSHIP PANEL

14.30 – 15.15

### E-methane & SAF: Powering Asia's energy transition with alternative fuels

The e-fuel, biofuel and synthetic fuels market in Asia is expected to experience significant growth by 2025, with a projected compound annual growth rate (CAGR) of 23.9%, with SAF and e-methane both supported by government policies in Japan. ANA and JAL are working towards promoting SAF as part of their decarbonisation strategy, but its high-cost relative to conventional jet fuel, and challenges scaling up global production, mean significant investment in production capacity and infrastructure are needed to meet growing demand. E-methane benefits from being compatible with existing LNG infrastructure, but challenges remain around scaling production, and increasing the efficiency of these processes, and reducing their energy usage. What role will e-fuels and synth-fuels, include e-methane, play in Japan's future energy mix? How can regulation, incentives, and policy promote e-methane? What technological innovations are required to improve the efficiency and scalability of alternative fuel production processes? What are the advantages and challenges of considering biofuels as a bridging solution given current high cost of hydrogen-based energy products?

**Attendee Insights:** Understand what role government can play in promoting and incentivising the use and production of e-methane and SAF in Japan, and what infrastructure, technology, and processes will help reduce the cost of production.

LEADERSHIP PANEL

Agenda correct at time of production

15.15 – 16.00

### Putting a price on carbon to achieve emission reduction and finance the low-carbon economy

Carbon pricing is a powerful mechanism to drive the shift towards a sustainable energy future, making carbon-intensive activities more costly and promoting cleaner energy alternatives. By assigning a cost to carbon emissions, businesses and individuals are incentivised to reduce their carbon footprint and invest in renewable energy sources, with the revenue generated reinvested into sustainable projects and support for communities affected by the transition. Additionally, carbon pricing provides clear market signals, guiding long-term investments towards low-carbon technologies and helping countries meet their international climate commitments. How can countries in Asia coordinate their carbon pricing policies to avoid market distortions and ensure a level playing field? How can governments gain public support for carbon pricing, especially when it may lead to higher costs for consumers? What price is needed to fully incentivise new clean investment and technology adoption, and how can we get to it?

**Attendee Insights:** Understand how countries in Asia can better coordinate their carbon pricing policies to avoid market distortions and ensure a level playing field, whilst stimulating investment in clean technology.

LEADERSHIP PANEL

16.00 – 16.45

### Empowering Asia: Financing the future of clean energy

Japan's transition will require new technology, new business models and new financing tools to achieve the governments ambitious net zero targets. From renewable energy and offshore floating wind to green hydrogen and ammonia, Japan has committed to developing a range of technologies and fuels to support the transition. Its multinational businesses have a history of investing internationally and are increasingly applying their engineering expertise to critical sectors such as metals and mining, batteries, carbon capture and waste-to-energy infrastructure. Scaling low-carbon technologies rapidly will require an equally innovative approach to finance, including government incentives and blended finance. What new clean technologies hold the most promise, and can be scaled, commercialised, and deployed quickly? Carrot vs stick regime: how do the US and EU approaches differ, and what lessons can be learnt in Asia? How are business models changing to accept more risk on new projects?

**Attendee Insights:** Gain insights into how Japan is driving public-private collaboration to rapidly scale, commercialise and deploy clean technologies, and what lessons can be learned from the US and EU approaches.

LEADERSHIP PANEL

16.45 – 17.30

### Power markets: Creating a reliable, affordable, and integrated electricity system through markets and market-like mechanisms

Cross-border electricity trade improves market efficiency, benefiting consumers, and supporting sustainable development. In the ASEAN region, deeper integration of power markets will help accelerate new projects by sharing expertise, increase affordability with competitive pricing, and harmonise regulatory frameworks to foster new collaboration. Closer digital integration of energy markets also provides commercial advantages, including improved efficiency, cost savings, demand-side flexibility, and new revenue streams. How can Southeast Asian countries better harmonise policies and regulations to harmonise cross-border power trading? What digital innovations will unlock most value, and how can Japan's technological leadership facilitate this? How can legacy infrastructure be transformed to help transition to a modern power market?

**Attendee Insights:** Understand how an effective, and integrated, regional power market will provide affordable and robust energy supply, whilst driving innovation and societal benefits.

LEADERSHIP PANEL

17.30 – 18.00

### Women in Energy: Increasing representation in the energy sector to foster innovation, address skill shortages, and enhance competitiveness

Despite making up 39% of the global labour force, women only account for 16% of the traditional energy sector, according to the IEA. Increasing collaboration, diversity, and representation in the energy sector is crucial for fostering innovation and effective problem-solving, as diverse teams bring varied perspectives and experiences. As the global energy industry embraces new ideas, technologies, and fuels, increasing diversity and representation in the workforce is essential to fully realising their benefits. How can the energy sector attract more female talent to address skill shortages and enhance competitiveness? How can mentorship programs for women in energy lead to better business outcomes and growth? What strategies can be implemented to increase women's representation in leadership roles within the energy industry?

**Attendee Insights:** Understand how to effectively increase diversity and representation in the energy sector to foster innovation, address skill shortages, and enhance competitiveness.

LEADERSHIP PANEL



## Day Three Friday, 20 June 2025

10.00 – 10.45

### Achieving a net-zero future: Strategic directions and innovations in nuclear power

With domestic energy demand forecast to grow significantly in the coming years, nuclear energy will remain a key component of Japan's strategy to balance environmental conservation, economic growth and energy security. The sector faces significant challenges, including managing aging infrastructure, overcoming public opposition and addressing nuclear waste management. At the same time, nuclear power will help realise Japan's multi-fuel, multi-technology decarbonisation approach by supporting the development of green hydrogen, green ammonia and low-carbon fuels produced from captured carbon. Similarly, Japan's leadership in research can help it to unlock economic growth and new commercial opportunities, both domestically and across Asia. How can Japan leverage advancements in nuclear technology, such as small modular reactors (SMRs) and next-generation reactors, to enhance safety and efficiency? How can the government and industry address public concerns and opposition to nuclear energy, building trust and transparency? What are the latest developments in fission technology?

**Attendee Insights:** Analyse Japan's strategy to leverage advancements in nuclear technology to enhance safety and efficiency, address public concerns and support its multi-fuel, multi-technology decarbonisation approach.

10.45 – 11.30

### Investing in green fuels to create a virtuous circle of growth and distribution

Japan's Green Growth Strategy aims to achieve carbon neutrality by 2050 through a comprehensive approach to green hydrogen and green ammonia. Key components include developing a full-scale international hydrogen supply chain by 2030, reducing hydrogen costs to JPY 30/Nm<sup>3</sup>, and investing in R&D for hydrogen transportation and ammonia co-firing technologies. The strategy also involves policy support through budget allocations, tax incentives, and regulatory reforms, alongside international collaborations, with countries like Australia and the UAE, to enhance technological advancements and supply chain development. These efforts are designed to decarbonise Japan's energy system, enhance energy security, and stimulate economic growth. How can the cost of producing green hydrogen be reduced to make it competitive with fossil fuels? What policies and regulatory frameworks are required to support the growth of the green hydrogen sector? How can efficient and reliable supply chains be established for green hydrogen?

**Attendee Insights:** Explore and analyse how Japan's Green Growth Strategy can achieve carbon neutrality by 2050 through green hydrogen and ammonia, while reducing costs, supporting growth with policies, and establishing efficient supply chains.

Agenda correct at time of production

11.30 – 12.15

### From sun to sea: Harnessing Japan's renewable potential to drive sustainable growth

Japan's renewable energy strategy is comprehensive and ambitious, aiming to transform its energy landscape by 2050. The country is making substantial investments in solar and offshore wind projects, with targets to expand solar capacity to 108 GW by 2030 and offshore wind capacity to 10 GW by 2030, alongside the development of geothermal plants. It is hoped the drive for decarbonisation will also support growth, helping to address social issues while creating a virtuous circle of growth and distribution. How are policy changes unlocking offshore wind potential in Asia Pacific? What are the implications of expanding construction into Japan's exclusive economic zone? Is small-scale generation the key to unlocking geothermal?

**Attendee Insights:** Gain an understanding of how Japan's renewable energy strategy can leverage advanced battery technologies, smart grid solutions and international collaborations to ensure a stable and efficient energy supply while unlocking offshore wind potential in the Asia Pacific.

12.15 – 13.00

### NETWORKING LUNCH

13.00 – 13:45

### ASEAN Power grid: What will it take to realise an inter-island grid in Southeast Asia?

Japan and other Asian countries are focusing on modernising and reinforcing their power grids to support renewable energy integration and enhance energy security. Key strategies include reinforcing transmission networks, modernising grid infrastructure and sharing power data among transmission firms to improve efficiency. Additionally, Japan is contributing to the ASEAN Power Grid initiative, which aims to upgrade power grids across Southeast Asia in line with decarbonisation goals. These efforts are crucial for achieving carbon neutrality and ensuring a stable energy supply in the region. How can Asia's unique geography – including the Mekong River, the "Battery of Southeast Asia" – be harnessed to balance growth with reduced emissions in the region? Is the current power grid restricting growth? What networks do energy-intensive industries want? What battery technologies and smart grid solutions will ensure a stable and efficient energy supply? How can smart grid technologies reduce the need for costly new infrastructure and improve grid resilience and reliability?

**Attendee Insights:** Explore how enhanced connectivity can deliver a more stable, resilient, and lower emission power grid to support regional growth.

13.45 – 14:30

### Beyond the grid: The role of batteries in sustainable energy solutions

Japan's strategy for energy storage and batteries focuses on expanding domestic production to 150 GWh annually by 2030, advancing technologies like lithium-ion and all-solid-state batteries, and supporting renewable energy integration through battery energy storage systems (BESS). The government has also committed to creating a sustainable battery supply chain, promoting recycling, and ensuring ethical material procurement. Large-scale storage projects aim to stabilise the grid as renewable energy sources increase, ensuring robust supply. What role will battery energy storage systems (BESS) play in supporting Japan's renewable energy goals? How can advanced battery technologies and smart grid solutions ensure a stable and efficient energy supply? How is Japan addressing the challenges of integrating large-scale battery storage into the national grid?

**Attendee Insights:** Analyse how Japan is planning to expand its energy storage and battery production to support renewable energy integration and achieve carbon neutrality by 2050.

14.30 – 15.15

### Building a resilient supply chain for critical minerals to support the clean energy transition

To support the growth of renewable energy, battery storage technologies, Japan has prioritised securing a stable supply of critical minerals such as cobalt, lithium, and nickel. This effort includes international agreements like the Japan-U.S. Critical Minerals Agreement, which aims to diversify and strengthen supply chains. How is Japan collaborating with global partners to build robust supply chains for minerals, and can it become comfortable with a China-dominated supply chain? What strategies can be adopted to attract investment and financing for critical mineral projects, especially in politically and economically unstable regions? What policies and technologies can be promoted to enhance the recycling of critical minerals and support a circular economy? How will Japan ensure a sustainable and ethical supply chain for battery materials?

**Attendee Insights:** Understand how Japan and other Asian countries can build resilient supply chains, ensure environmental and social standards, foster technological innovation, attract investment and navigate geopolitical risks to secure critical minerals.

15.15 – 15.30

### CHAIR'S CLOSING REMARKS

FOR SPEAKING OPPORTUNITIES, CONTACT

[conference@japanenergyevent.com](mailto:conference@japanenergyevent.com)



# Technical Conference Overview

The Technical Conference brings together leading engineers and technical experts from across the regional and international energy value chain to showcase cutting-edge innovations and solutions that will enable Japan, Asia-Pacific and the world to successfully transition to a low carbon future.

Curated by a specialist Technical Committee of leading industry experts, with speakers invited based on an extensive abstract selection process, the Technical Conference will highlight the latest research behind new advanced solutions and demonstrate their practical application and impact across key technical categories essential to the future of clean energy and transportation supply chain.

## Technical Conference Categories:

### NATURAL GAS & LNG

- E&P: New projects, financing & construction
- Decarbonisation infrastructure & technologies
- Methane mitigation

### HYDROGEN & AMMONIA

- Advances in hydrogen production & applications
- Advances in ammonia production & applications
- Hydrogen & ammonia infrastructure

### ENERGY TRANSITION & DECARBONISATION

- CCS/CCUS
- Energy efficiency & sustainability
- Financing & investment

### RENEWABLE ENERGY & FUELS

- Wind, solar, biomass, thermal
- E-Fuels & Biofuels
- Advances in fission & fusion

### TRANSPORTATION, STORAGE & INFRASTRUCTURE

- Shipping & supply chains
- Batteries & storage
- Ports & infrastructure

### GRID, UTILITIES & POWER GENERATION

- Grid infrastructure & integration
- Power markets
- Emerging technologies in utilities & power generation

### CLIMATE TECH

- Carbon credits, pricing & data
- Circular economy & low carbon manufacturing
- Emissions monitoring & management

### AI & DIGITAL TRANSFORMATION

- Artificial Intelligence for energy management
- Cybersecurity and protection of critical infrastructure
- Digital Transformation in project planning/control/monitoring

### HEALTH, SAFETY, SECURITY & ENVIRONMENT

- Securing assets and infrastructure
- Environmental impact of emerging technologies
- Integrating technologies & innovation to improve HSE

**SECURE YOUR DELEGATE PASS:**

[www.japanenergyevent.com/delegateregistration](http://www.japanenergyevent.com/delegateregistration)



**Robert Siahaan**  
Katalyst Data Management speaking at the Japan Energy Summit & Exhibition Technical Conference 2024



# Technical Experts Shaping the Agenda

## Meet the Technical Conference Committee



**Akiko Iimura**  
Executive Director  
New Energy and Industrial  
Technology Development  
Organization (NEDO)



**Zhonghua Xu**  
VP, Head of R&D for Asia  
TotalEnergies



**Toshiyuki Anraku**  
Fellow, Technical Division  
JAPEx



**Mona Bhagat**  
Energy Transition  
Technology Director  
KBR



**Sandeep Jain**  
Executive Director (Gas)  
Indian Oil



**Taiwo Oyewole**  
Strategy Advisor, Low  
Carbon Solutions  
Shell



**Mathieu Geze**  
Director Asia  
HDF Energy



**Edi Saputra**  
Gas & LNG Advisor  
Poten & Partners



**Muammer Akturk**  
Manager, North Pacific  
Regional Business  
Development  
ABS



**Futoshi Tsuneyama**  
General Manager E&P  
Dept.  
Idemitsu Kosan Co., Ltd



**Kazuhiro Uwai**  
Manager, Facility  
Engineering Group  
JAPEx



**Norshahida Baharudin**  
Technical Professional  
Front End  
Petronas



**Kenji Kawabata**  
Group Manager, Technical  
Group, Sustainable  
Solutions Sales  
JGC Corporation



**Pushp Kumar Nayar**  
Executive Director  
(HRD)  
Bharat Petroleum  
Corporation Limited



**Masayori Yoshino**  
Manager, Project  
Development  
Osaka Gas



**Ian Gates**  
Professor, Department of Chemical  
and Petroleum Engineering and  
Director, Global Research Initiative  
for Sustainable Low-Carbon  
Unconventional Resources  
University of Calgary



The Technical Conference not only  
emphasises cutting-edge research  
but also encourages practical  
applications and industry partnerships.

**Harshal Talele**  
Deputy General Manager Electrical &  
Instrumentation Maintenance  
Bharat Petroleum Corporation Limited

The technical speakers bring deep knowledge and hands-on experience from across the energy sector. From detailed technical breakdowns to case studies on the latest energy technologies, these sessions are designed to provide practical knowledge and innovative solutions that attendees can apply in their fields.

## A Selection of Past Technical Conference Speakers Includes



**Ryoji Miyawaki**  
CEO  
Aakel Technologies inc.



**Joe Raia**  
CCO  
Abaxx Commodity  
Futures Exchange and  
Clearinghouse



**Hassana Mbeirick**  
CEO  
Meen&Meen



**Kaushal Ramesh**  
VP, LNG and Power  
Markets Research  
Rystad Energy



**Zhonghua Xu**  
VP, Head of R&D for Asia  
TotalEnergies



**Kaori Tachibana**  
Director, Gas Power and  
Climate Solutions  
S&P Global Commodity  
Insights



**Feras Alsalem**  
President  
Kuwait Business Council  
in Dubai



**Mona Bhagat**  
Energy Transition  
Technology Director  
KBR



**Dr. YuLi Tsai**  
Technical Business  
Director  
Volve



**Hiroyasu Konno**  
Partner  
Nishimura & Asahi



**Chisato Watanabe**  
Representative, Japan  
Port of Antwerp-Bruges



**Yinzhe Gu**  
Manager  
AIR WATER INC.



**Kian Wei Tan**  
Senior Advisor, Low  
Carbon Solutions (SEA  
Region)  
Halliburton



**Robert Sahaan**  
Director Asia Pacific  
Catalyst Data  
Management



**Harshal Talele**  
Deputy General  
Manager Electrical  
& Instrumentation  
Maintenance  
Bharat Petroleum  
Corporation Limited



**Geetali Kalita**  
Head-ESG  
Numaligarh Refinery



**Masato Taketomi**  
CEO  
Vueloo



**Dr. Narges Atrak**  
Postdoctoral fellow  
University of Calgary



**Kenji Terada**  
Commercial Director,  
Energy Transition  
Business Development,  
Large Industries &  
Hydrogen Energy Division  
AIR LIQUIDE



**Takeaki Otani**  
Chief Geologist  
Japan Petroleum  
Exploration Co., Ltd.  
(JAPEx)



# Climatetech Theatre

## Harnessing New Thinking, New Concepts, and New Ambitions, to Transform Japan's Energy Landscape

Comprising specially curated content, and networking, the Climatetech Theatre provides a unique platform for entrepreneurs, and industry executives to explore cutting-edge ideas and innovations that will help drive the energy transition in Japan and globally.

Included on the Climatetech Theatre Agenda is the Disruptor Challenge. An opportunity for the forward-thinkers, both inside and outside the industry, to pitch their ideas and concepts addressing a series of industry challenges, to a panel of expert judges comprising industry professionals, research institutions and investors. Winners will be announced during an awards ceremony onsite at the Climatetech Theatre and championed across the Japan Energy Summit & Exhibition community.

**FOR SPONSORSHIP OPPORTUNITIES, CONTACT**  
[sales@japanenergyevent.com](mailto:sales@japanenergyevent.com)



According to the IEA, achieving net zero emissions is virtually unattainable without the implementation of carbon capture technologies. To meet the objective of widespread CCS application, it is crucial to continuously pursue advancements in technology and innovation.



**Ken Freeman**  
Vice President, Policy and Regulatory Development  
Asia Pacific  
ExxonMobil Low Carbon Solution



Pictured from left to right: Moderator: Tatsuo Masuda, Professor, Kaishi Professional University and Former IEA Director, René Leven, Segment Leader, Hydrogen and CCUS | New Energy Solutions, John Crane and Ken Freeman, VP, Policy and Regulatory Development, Asia Pacific, ExxonMobil Low Carbon Solutions. Japan Energy Summit & Exhibition, Climatetech 2024.





# JAPAN ENERGY CLUB

The Japan Energy Club is a unique business-focused hospitality suite connecting energy industry leaders, innovators and influencers.

Located on the exhibition floor, the Japan Energy Club features a purpose-built private lounge providing a business-friendly environment to network, alongside private meeting lounges, all offering first-class connectivity and hospitality.

Contact the team for more information on membership and sponsorship opportunities:  
[info@japanenergyevent.com](mailto:info@japanenergyevent.com)

## Communicate

Members include dignitaries, CEOs, global leaders and executive management from around the world, and offers the ultimate platform to connect with like-minded peers.

## Influence

A high-profile and exclusive environment where members can engage with business critical conversations that can lead to future growth and influence industry trends in an evolving energy landscape.

## Connect

With distinguished members gathered for three days of high-level business discussions, the Japan Energy Club is designed to provide the ideal environment for building successful business partnerships.



# 300+

Members

# 11

Private Meeting Suites

# 5

Leadership Roundtables

# 100+

Roundtable Participants





# Networking Opportunities

The event provides numerous networking opportunities with the aim of enhancing cross-sector and multilateral collaboration and the exchange of ideas, creating the perfect environment for industry leaders and innovators to meet face-to-face and forge new business partnerships.

## NETWORKING AND COLLABORATION OPPORTUNITIES

Engage with industry leaders, policymakers, and global experts to exchange ideas, discuss trends, and explore collaborative ventures that can drive your business forward.



## Leadership Roundtables

Within the Energy Club, the most influential companies from across the global energy value chain will convene to participate in a series of invitation-only Leadership Roundtables to be held under the Chatham House rule. The Leadership Roundtables bring together senior energy leaders to participate in insightful and thought-provoking discussions to tackle the sector's most pressing challenges. Each 90-minute roundtable featuring up to 20 thought-leaders, is guided by an experienced moderator, to enable high-level conversations that will address the greatest global energy issues, generating the insights required to drive real progress.



# The Exhibition

Located at East Hall 7 of Tokyo Big Sight, exhibiting companies will be presenting products, technologies and solutions that will support the pursuit of practical pathways towards net-zero emissions and carbon neutrality.

The exhibition will showcase the innovative energy solutions crucial for successfully transitioning to a low carbon future, helping redefine industry standards and enhance government and market responsiveness to environmental and economic challenges.

## Key Benefits:

### ACCESS TO KEY DECISION-MAKERS AND INVESTORS

Exhibiting at the event provides direct access to a diverse audience, including financiers from key infrastructure and utility projects within Asia alongside high-level procurement decision-makers.

### SHOWCASE INNOVATIONS AND SOLUTIONS

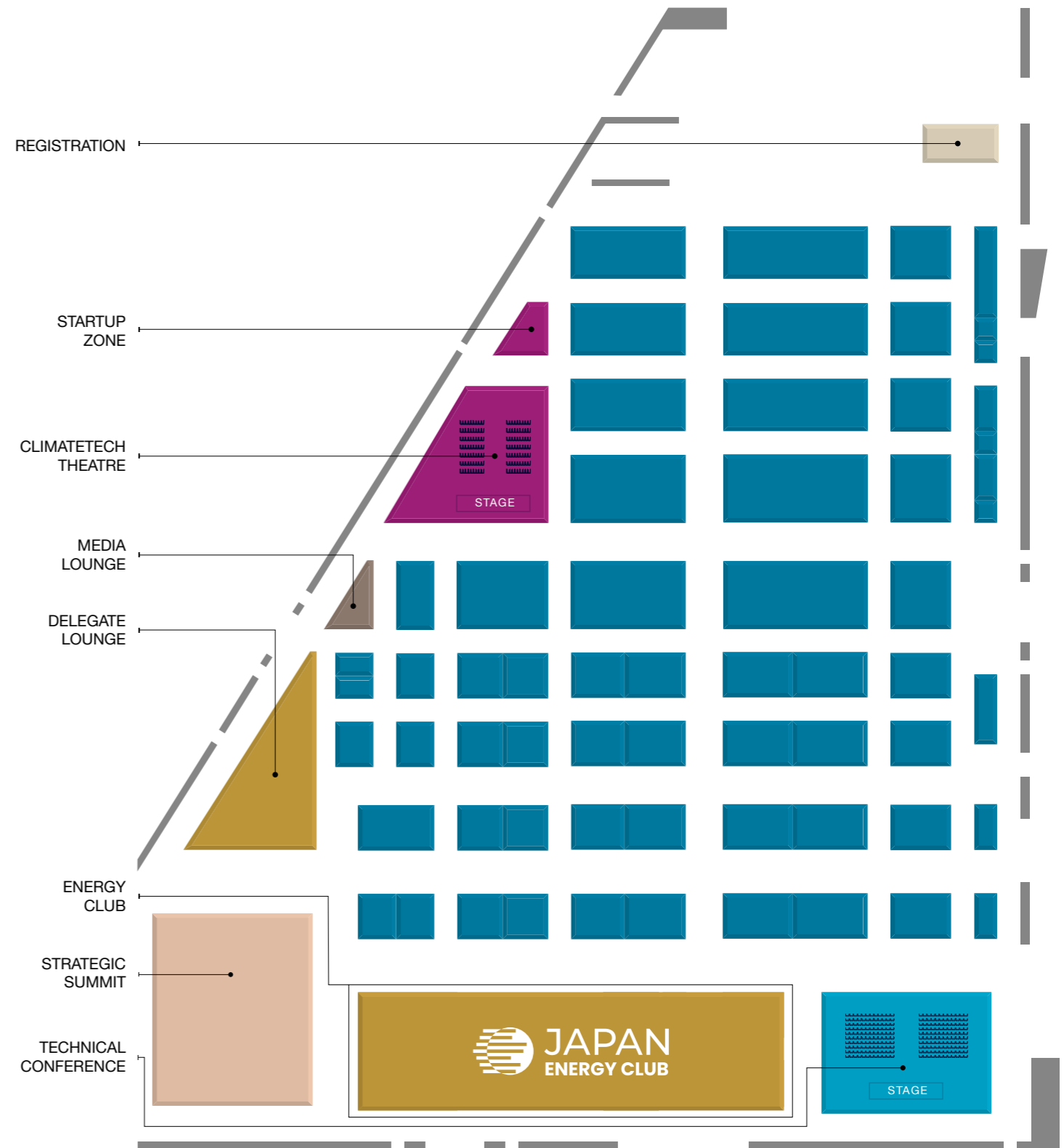
The exhibition offers a premier platform to showcase your latest products, technologies, and solutions to a targeted audience of industry professionals and potential clients. Demonstrating your innovations in such a high-profile setting enhances brand visibility and positions your company as a market leader.

### NETWORKING & COLLABORATION OPPORTUNITIES

Engage with industry leaders, policymakers, and global experts to exchange ideas, discuss trends, and explore collaborative ventures that can drive your business forward.

**SECURE YOUR PARTICIPATION TODAY**

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# Secure Your Participation

## Exhibition Meeting Suites



Complete Meeting Suite Price: upon request

Elevate your event experience with exclusive Meeting Suites, designed to facilitate seamless interactions and maximise participation from your delegation. Host closed door meetings with key stakeholders and decision-makers in a high-end business setting, conveniently located adjacent to the conference rooms.

Meeting Suites are priced upon request based on capacity requirements, and come fully equipped with hostess, light refreshments and your company branding. A truly hands-off, turnkey experience.

## Energy Club Meeting Suites



An exclusive, media-free space where senior government officials and C-Suite leaders meet to enjoy a VIP experience. Features exclusive meeting rooms, hospitality and refreshments, and comfortable networking spaces.

*\* Accessible to exhibiting companies only*

**TO SECURE A MEETING SUITE AT THE EVENT, CONTACT:**

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# Conference Passes

Register as a delegate to hear from expert speakers through a wide range of keynotes and panel discussions.

Attendees will hear vital insights into the trends, challenges and opportunities in fast-tracking energy transition and achieving carbon neutrality.

## All-Access Pass

Ideal for business leaders who are interested in gaining access to all stages and multi-lateral insights into business strategies, policy, regulation, investments and more.

**Early Booking Rate: US\$3,000**

Expiry Date: 18 February 2025.

**Standard Rate: US\$3,350**

Includes Access To:

Opening Ceremony

Delegate Lounge

Strategic Summit

Breakfasts, Coffee Breaks and Lunches

Technical Conference

Exhibition

Climatetech Theatre

## Technical Conference Pass

Ideal for technical executives, engineers and students who are keen to learn more about the innovations and technologies driving the energy transition.

**Early Booking Rate: US\$1,134**

Expiry Date: 18 February 2025.

**Standard Rate: US\$1,260**

Includes Access To:

Opening Ceremony

Delegate Lounge

Technical Conference

Breakfasts, Coffee Breaks and Lunches

Climatetech Theatre

Exhibition

## Group Bookings

Unlock great savings by attending the conferences as a delegation. Team members can attend 70+ sessions providing more opportunities to discover new solutions and strategies and increase the number of interactions with both peers and industry experts.



# Gain Actionable Insights to Accelerate the Global Energy Transition

Secure your delegate pass to engage in crucial dialogues with the energy sector's key stakeholders and decision makers

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