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Accelerating the Global Energy Transformation



Conference Brochure

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Kadri Simson Commissioner of 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

The successful stabilising, decarbonising and growing of future 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, 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.

Co-located with:



The 14th LNG Producer-Consumer Conference is co-hosted by Japan's Ministry of Economy, Trade & Industry (METI) and the International Energy Agency (IEA) and co-located with the Japan Energy Summit & Exhibition. This strategic collaboration aims to serve as the key platform to facilitate discussions on Japan's future energy ecosystem.

For more information, visit the LNG PCC 2025 website: Ingpcc.go.jp

Event Overview

KEY FEATURES OF THE EVENT INCLUDE:

STRATEGIC SUMMIT	High-level discussions and policy- making sessions that will shape the future directions of the energy sector.	APAN SAME AND A
LEADERSHIP ROUNDTABLES	Government and industry leaders will gather behind closed doors to discuss and debate the strategies needed to optimise tomorrow's energy ecosystems.	
TECHNICAL CONFERENCE	In-depth presentations and seminars on the latest technical advancements, scientific research and engineering solutions.	CLU CH ZONE
EXHIBITION	A showcase of the latest products and solutions from around the world, providing direct insights into the future of energy.	
JAPAN ENERGY CLUB Sponsored by COMONWEALTH LNG COMONWEALTH LNG	The Japan Energy Club is a unique business-focused lounge connecting energy industry leaders, innovators and influencers.	
CLIMATETECH THEATRE Sponsored by	A dedicated stage for climate technology innovations, at the forefront of sustainability solutions.	

Sector Profiles

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 Recyclinc

RENEWABLE ENERGY Accelerating Deployment of Renewable Energy

PORTS & SHIPPING

Steering Global Energy Transitions through Ports and Shipping

NUCLEAR ENERGY

ENERGY EFFICIENCY, DIGITALISATION & AI Advancing the Energy Efficiency and Demand-Side Energy Conversion



The Strategic speaker agenda at Japan Energy Summit & Exhibition unites influential leaders and decision-makers from across the regional and global energy sector to drive the critical discussions essential for advancing the energy transition.

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Over three days of packed content, delegates can delve into key topics such as energy demand, security, sustainability, transformation and the role of AI and digitalisation in driving energy efficiency. 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 in Japan and the wider Asia Pacific market.

Themes



ENERGY DEMAND

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

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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.



GREEN TRANSFORMATION (GX)

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

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www.japanenergyevent.com/delegateregistration



JAPAN

Unlocking Hydrogen's Potential

iji Ohira

, Fuel Cell & Hydrogen Office & Hydrogen Technology Dept. Jstrial Technology Development Organization

Hayley Pham

VP, Business Development, Asia Pacific, Low Carbon Solutions ExconMobil

APA

Juancho Eekhout

VP - Development of Low Carbon Solutions Sempra Intrastructure

Dan Feldman

Partner King & Spalding

JAPAN

Keiichiro Segawa, Chiet Executive Scatt Officer, Hydrogin Setaive Division Kawasaki Hearv Indivision, Isol.

APAN

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.

Confirmed Speakers Include



Yoshifumi Murase Commissioner, Agency for Natural Resources and Energy (ANRE) Ministry of Economy, Trade and Industry (METI)



Hajime Wakuda Director-General, Natural Resources and Fuel Department, Agency for Natural Resources and Energy (ANRE) Ministry of Economy, Trade and Industry (METI)



Dalsuke Hirota Director & Investment Strategist, Hydrogen & Ammonia Division, Energy Efficiency & Renewable Energy Department, Agency for Natural Resources and Energy Ministry of Economy, Trade and Industry (METI)



Yuya Hasegawa Director for Energy Resources Development Division, Agency for Natural Resources & Energy (ANRE) Ministry of Economy, Trade and Industry (METI)



Shin Imai Director-General for Engineering Affairs Maritime Bureau Ministry of Land, Infrastructure, Transport and Tourism (MLT)



Yoshinori Momose Senior Planning Officer for the Joint Crediting Mechanism (JCM), Office of International Carbon Market, Global Environment Bureau Ministry of the Environment



Yukio Kani Global CEO & Chair JERA Co., Inc.



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



Wael Sawan CEO Shell Plc



Patrick Pouyanné Chairman & CEO TotalEnergies



Meg O'Neill CEO & MD Woodside Ener



Sanjiv Lamba CEO Linde



Yoshinori Kanehana Chairman of the board Kawasaki Heavy Industries, Itd.



Helle Kristoffersen President Asia & Member of the Executive Committee TotalEnergies



Jeong-Joon Yu Vice Chairman, SK Group & CEO, SK On (Battery Manufacturing) & SK Americas



Anatol Feygin EVP & CCO Cheniere Energy Inc.



Hitoshi Kaguchi Senior EVP, & President & CEO of GX (Green Transformation) Solutions Mitsubishi Heavy Industries





Hiroshi Kato SVP, Global Marketing INPEX Corporation



Nobuhiro Sugesawa

Senior Managing Executive Officer, Chief

Executive of Energy Trading Company

Phil Caldwell CEO Ceres Power



SVP, ENEOS Corporation & CTO ENEOS Holdings, Inc.

Allyson Anderson Book Chief Sustainability Officer



Yaoyu Zhang Assistant CEO & Global Head of LNG & New Energies PetroChina Internationa

Steve Hill

Board Member & EVP



Yumiko Yao Executive Officer, Senior GM of LNG Business Dept. Energy Trading Company, (Joint Role), President of TOKYO LNG TANKER CO., LTD.



Dr. Jooho Whang President & CEO Korea Hydro & Nuclear Power Co., Ltd. (KHNP)



Marisa Buchanan

Carbon Energy

SVP, Strategic Corporates & Partnerships - Gas & Low

Tatsuya Terazawa Chairman & CEO The Institute of Energy Economics, Japan (IEEJ)



H.E. Chi-Ming Peng Minister of Environment Taiwan, China





Mazin Albahkali CEO C-Principal Buyer



Austin Knight VP Hydrogen



Jane Liao VP CPC Taiwan



Carlos de la Vega VP, Marketing & Commercial Development



Dr. Hiroshi Okamoto Member of the Board, EVP, & CTO er Grid, Inc



Dr. Sudharma Yoonaidharma Commissioner Energy Regulatory Commission (ERC) of Thailand



Tadashi Hara EVP Diamond Gas International Pte. Ltd.



Atsunori Takeuchi Executive Officer, Senior General Manager of Global Business Planning Department



Katsumi (Ken) Kuroda Senior Advisor a Ltd



Tatsushi Amano Managing Executive Officer, Global Head of Energy and Natural Resources Finance Group



Benedikt Messner SVP, Global Origination & LNG Uniper Global Commodities SE



Masanori Imai Chairperson & Representative Director, Toda Corporation & Co-Representative of the Japan Climate Leaders' Partnership (JCLP)



Dr. Tomomi Yamada Managing Executive Officer, President of Overseas Business Division II



Hiroyuki Mori EVP Energy Business, Member of the Board Japan Organization for Metals and Energy Security (JOGMEC)



Rob Cooper VP, Asia, Strategic Corporates & Partnerships – Gas & Low Carbon Energy



Nora'in Md Salleh CEO PETRONAS CCS Solutions



Mads Gade CEO EOS Energy Europe



Ivana Jemelkova CEO ogen Council



Jens Orfelt EVP & President, APAC (Offshore Development)



Gavin Adda CEO ak Energy



Nobuo Tanaka Executive Director Emeritus (IEA)



Luis Gonzalez Chief Data & Al Officer Corporation



Chris Starling Chief Strategy Officer



Jenny Solomon VP, Portfolio Governance & Analysis



Magzhan Kenesbai MD AIO



sha, Ltd.



Hideki Takada Director GX (Green Transformation) Acceleration Agency



Toshiyuki Momma Executive Director Japan Atomic Energy Agency (JAEA)



Lachlan Clancy Partner Herbert Smith Freehills



Zubin Bamji Global Flaring & Methane Reduction (GFMR) Partnership, Energy & Extractives



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Confirmed Speakers Include



Shigeru (Sam) Muraki President ean F



Fabio Nehme Fabio Nehme Senior EVP, Global Head of Carbon & Head, EMEA, Green Hydrogen ReNew Energy Global plc



Ryoko Aoyagi Japan Country President



Kanna Mihara Japan Country President



Jose Antonio Millan Ruano President & CEO



Hajime Nakamura CEO ous Energy Co., Ltd.



Dr. Hamed Soroush CEO



Akira Shigeta Representative Director/ President nkrupp nucera Japan Ltd.



Dr. Ken Haig Senior Director, Government Affairs, Corporate, External & Legal Affairs (CELA)



Shigeki Kimura MD, Japan Head of Government Affairs & Public Policy nan Co. Itd



Ameko Zhang Head of Gas & Power Trading, Asia Pacific al Energy ent & Sale



Felix Booth Head of LNG



Go Katayama Principal Insight Analyst – LNG & Natural Gas



Mehdi Chennou Head of LNG & Origination Asia



Christopher Goncalves Chair & MD, Energy & Climate



Anil Taparia COO, Green Hydrogen & Ammonia Business



Masahiro (Max) Takahashi Director & Managing Executive Officer oan Marine Science Inc



Masami Takenaka Lead Executive Officer Senior GM Green Solution Project Asahi Ka



Francois Dao VP, Middle East & Africa ED



Takeo Akamatsu GM of Green Innovation Business Unit

Georges Tijbosch CEO



Dave Cooper CEO Data Centre Business



Laurent David General Delegate



Country Manager



Hisataka Yakabe Executive Fellow, Green Transformation Company Tokvo Gas Co., Ltd.



Momoyo Yuki Head of Research & Head of Research & Analysis, Strategic Planning Dept., Overseas Business Division I Japan Petroleum Exploration Co., Ltd.



Hiroshi Hashimoto Senior Analyst, Head of Gas Group Institute of Energy Economics, Japan (IEEJ)



Graeme Train Global Head of Metals & Minerals Analysis



Bruno Gaussorgues Group Country Head



Kelvin Wong MD, Energy Re Infrastructure newables





















Shery Ahn Anchor



Kenji Tateiwa Founder & CEO Agile Energy X,



Yusuke Kojima Power Business Executive Officer



Franck Bernard MD, Energy Storage & Flexibility Gurīn Energy



Dr. Gianluca Ambrosetti Founder & CEO



Kentaro Ono MD Japan



Paul Beddie VP, Global Client Partner & Sustainability Head n K K



Benjamin Corbould Executive Director, Head of Commodities, Trade & Carbon, Asia Commonwe of Australia



Masaru Tsuchiya Partner cKinsev & Co



John Davis MD Asia Pacific



Bob Effendi Director PT Xpert Synergy Solution



Stone Zhang MD Amogy



Fauziah Marzuki Global Head of Gas Research & Analysis



Dr. Nanda Kumar Janardhanan Deputy Director (Climate and Energy) & South Asia Regional Coordinator tute for Global ronmental Strategies Enviror (IGES)



Marnix Schrijner Head of Power Market Analysis Southeast & East Asia AFRY



Flor De La Cruz Principal Consultant, Asia Pacific Power & Renewables Wood Macke



Fabrice Espino Founder & CEO Asia Sustainable Aviation Fuel Association (ASAFA)



Dato' Leong Kin Mun President Malaysia Biomass Industries Confederation



Yuriy Humber President, Founder of Japan NRG Foup



Itsuka Ogawa Senior Research Fellow Renewable Ene Institute



Magdalena Osumi Clean Energy Analyst Group]



Stephanie Chiang Senior Research Analyst, CCUS



Phung Quoc Huy Senior Researcher Asia-Pacific Energy Research Centre (APERC)



Dr. Venera N. Anderson Strategy Advisor & Author, Sustainability & Climate The Harvard Business Review Advisory Council



Yvette Manolas Global Climate Consultant Pty Ltd.



Hiroko Kondo Representative LLC Matrix-K



Denise Mannix President LINE (Lean In Network Energy)

ALC: NO

THE SHALL

Executive Committee

The Executive Committee brings together global energy leaders with diverse expertise to address the industry's most pressing challenges and shape a secure and sustainable energy future.

Committed to collaboration and open dialogue, the Executive Committee plays a pivotal role in shaping the agenda for a successful energy transition. Their insights ensure the Strategic Summit features critical topics and influential speakers, delivering a world-class programme.





lea

Nobuo Tanaka Executive Director Emeritus International Energy Agency (IEA)



Mitsubishi Corporation

Shinya Naka SVP, GM, Environmental Energy Group CEO Office Mitsubishi Corporation





Lachlan Clancy Partner Herbert Smith Freehills



Asahi KASEI

Masami Takenaka Lead Executive Officer, Senior GM Green Solution Project Asahi Kasei Corporation



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Hitoshi Nishizawa SVP, LNG Division JERA Inc



🌄 ΤΟΚΥΟ GΛS

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.



CLEANINE AMAG

Shigeru (Sam) Muraki President Clean Fuel Ammonia Association



CHENIERE

Katsumi (Ken) Kuroda Senior Advisor Cheniere Marketing Ltd



④ 株式会社国際協力銀行

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



CRIMINE Assess

Masahiro (Max) Takahashi Director & Managing Executive Officer Japan Marine Science Inc.



engie

Varun Gujral Country Head, Southeast Asia ENGIE





Hiren Mehta SVP & Head - Business Development (Green Chemicals) **Reliance Industries Limited**



INPEX

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



GLOBAL CCS

Hiroshi Nambo Branch Representative – Japan Global CCS Institute



أدنيوك ADNOC أ

Alejandro Barbajosa Research Specialist ADNOC



JAPEX

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



Tetsuro (Ted) Toyoda Consultant - LNG Trading



SAPAN NRG

Yuriy Humber President, Founder of Japan NRG K.K. Yuri Group





Mona Bhagat CTO & Co-founder Elemental Energies



Strategic Summit at a Glance

The Summit agenda is carefully structured around the core conference themes—Energy Supply, Energy Demand, Energy Collaboration, Energy AI & Digitalisation, and Green Transformation (GX)—which run as consistent threads 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	Day Two Thursday, 19 June 2025	Day Three Friday, 20 June 2025
OPENING CEREMONY	HarnessingCCUS: Transforming Asia's industrial and energy sectors	Achieving carbon neutrality by 2050: Putting METIs 7th Strategic Energy Plan into action
Securing tomorrow: A vision for sustainable growth in the energy sector	Building a resilient LNG market in Asia: Supply, stability, and sustainability	Building a market for green products: Japan's pathway to a sustainable GX economy
Accelerating Asia's ambitions: Fostering international cooperation for a sustainable future	Securing LNG's role as a fuel for a net-zero future	From sun to sea: Harnessing Japan's renewable potential to drive sustainable growth
Balancing rising power demand and decarbonisation objectives to deliver a pragmatic energy transition	NETWORKING LUNCH	Beyond the grid: The role of batteries in sustainable energy solutions
NETWORKING LUNCH	Unlocking energy transition opportunities in shipping	Building a resilient supply chain for critical minerals to support the clean energy transition
LNG as the global energy backbone: Balancing growth, decarbonisation, and security	Achieving a net-zero future: Strategic directions and innovations in nuclear power	CLOSING REMARKS
Unlockinghydrogen'spotential: Pathways to scale and market maturity	Fuelling the Future: Pioneering the next wave of clean energy with alternative fuels	
Collaborating to scale ammonia use and advance decarbonisation objectives	The future of carbon markets: Unlocking Asia's potential for emission reductions	
Futureproofing the electricity grid to manage new complexities and support sustainable growth	Financing the shift: New routes for energy investment in Asia	
Balancing unprecedented growth in energy demand driven by Al and data centres across Asia with emerging economic and market opportunities	Power markets: Creating a reliable, affordable, and integrated electricity system through markets and market- like mechanisms	SIMULTANEOUS TRANSLATION THROUGHOUT
	Women in Energy: Increasing representation in the energy sector to foster innovation, address skill shortages, and enhance competitiveness	The Simultaneous Translation Service can be connected to via your own mobile device, bring your personal headphones to utilise the service.

Day One Wednesday, 18 June 2025

OPENING CEREMONY

KEYNOTE SPEECHES

10.00-10.35





Yoshifumi Murase Commissioner, Agency for Natural Resources & Energy (ANRE), Ministry President and CEO. Tokvo Gas Co., Ltd of Economy, Trade and Industry (METI)

GLOBAL CEO PANEL

10.35 - 11.05

Securing tomorrow: A vision for sustainable growth in the energy sector

In an era of rapid change, rising energy demand, and pressing climate challenges, and with no single solution available for delivering the energy transition, the world must adopt diverse and tailored strategies, blending technological innovation, infrastructure investment and effective new business models, to achieve sustainable growth in energy. What are the implications of current and upcoming regulations on emissions and sustainability of operations? How can new technologies be leveraged to enhance efficiency and sustainability, and what partnerships and collaborations will prove essential for advancing domestic and international initiatives?

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.

Panellists:







Shery Ahr

Anchor Bloomberg

Moderator:

Global CEO & Chair IFRA Co., Ir

Yukio Kani

Chairman & CEO CEO & MD Woodside Energy TotalEnergi

RIBBON CUTTING CEREMONY

11.05 - 11.15

STRATEGIC SUMMIT

MINISTERIAL PANEL

11.25 - 11.55

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 including hydrogen, ammonia and low carbon LNG, and technologies such as 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.

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.

Panellists:





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

H.E. Chi-Ming Peng Minister of Environment Taiwan, China

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11.55 - 12.45

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

Balancing surging demand for power with the urgent need for decarbonisation is both a challenge and an opportunity to drive investment and economic growth while advancing sustainability goals. As population growth and electrification of key sectors propel energy consumption, investments in diverse energy sources, including renewables and nuclear power, and technologies like energy storage and smart grids are required. This transition can catalyse job creation, stimulate technological advancement and enhance energy security. By engaging communities and implementing equitable policies, widespread support and participation in this transformative journey can be fostered. Moreover, global collaboration and proactive technology transfer will amplify efforts, ensuring all nations can contribute to and benefit from a greener future.

Attendee Insights: Understand how energy leaders can effectively balance surging power demand with the need for decarbonisation while ensuring economic growth and job creation. Learn what partnerships are essential to drive innovation in the energy sector, and how regulatory bodies can adapt to support rapid technological advancements in the energy sector.

Panellists:



Jeona-Joon Yu

Group

Vice Chairman. SK





SVP, Strategic Book Corporates & Chief Sustainability Partnerships - Gas & Officer, Baker Hughes Low Carbon Energy, bp

Allyson Anderson Book Chief Sustainability

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

Moderator:



Panellists:

13.30 - 14.30

security



Yaoyu Zhang Assistant CEO & Global Head of LNG & New Energies, PetroChina International Nobuhiro Sugesawa

Senior Managing Executive Officer, Chief Executive of Energy Trading

Company Tokyo Gas Co., Ltd.

Steve Hill

Mercuria

Board Member & EVP.

long-term energy transition goals?

impact on decarbonisation pathways.

LNG as the global energy backbone: Balancing growth, decarbonisation, and

Global demand for LNG is estimated to rise by more than 50% by

2040, according to Shell, driven by Asia's expanding energy needs,

Europe's energy security priorities, and emerging markets' industrial

growth, positioning LNG as a critical pillar of the global energy

transition. Japan is reinforcing its role through long-term contracts,

infrastructure investments, and technological advancements, as

highlighted in the Seventh Strategic Energy Plan, which recognises

LNG's central role in balancing renewables and ensuring supply

stability. Key opportunities lie in expanding LNG-to-power projects,

enhancing carbon-neutral LNG, and strengthening trading hubs,

while challenges include price volatility, geopolitical risks, and the

need for decarbonisation solutions. With continued investments in liquefaction capacity, shipping efficiency, and hydrogen-ready

infrastructure, LNG remains a growth industry vital to future energy

security. How can Japan further leverage its LNG leadership to

stabilise global markets? What new innovations will accelerate LNG's

role in a low-carbon economy? How can LNG investments align with

Attendee Insights: Examine the demand-supply outlook for natural gas and LNG, what this means for the shape of the market, and its



Energy Inc

Tadashi Hara

EVP Diamond Gas

International Pte. Ltd

EVP & CCO. Cheniere



Moderator:

Fauziah Marzuki Global Head of Gas Research & Analysis BloombergNEF



Mazin Albahkali CEO, SPPC-Principal

12.45 – 13.15 NETWORKING LUNCH BREAK

13.15 - 13.30 KEYNOTE ADDRESS

Speaker:



Yuya Hasegawa Director for Energy Resources Development Division, Agency for Natural Resources & Energy (ANRE) Ministry of Economy, Trade and Industry (METI)

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Day One Wednesday, 18 June 2025

14.30 - 15.30

Unlocking hydrogen's potential: Pathways to scale and market maturity

Japan is at the forefront of the global hydrogen transition, driving innovation and collaboration to establish international value chains. Since launching its Basic Hydrogen Strategy in 2017, Japan has worked alongside key players in Europe, South Korea, and the USA to accelerate adoption and advance hydrogen technologies. Recent subsidy schemes aim to support both supply and demand, mirroring global efforts. Despite progress, high production costs and infrastructure challenges remain, holding up critical advances in hydrogen and ammonia technologies, shipping, and infrastructure that will drive the industry forward. What lessons can hydrogen learn from LNG's commercialisation? How can financial instruments and multilateral agreements drive large-scale deployment? What strategies will secure the contracts needed to scale the industry globally?

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

Panellists:



Sanjiv Lamba

CEO Linde



Yoshinori Kanehana Chairman of the board Kawasaki Heavy Industries, Ltd



Tatsushi Amano

Phil Caldwell CEO Ceres Power

Managing Executive Officer, Global Head of Energy and Natural Resources Finance Group, JBIC



SVP, ENEOS Corporation & CTO ENEOS Holdings, Inc

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Ivana Jemelkova CEO, Hydrogen Council

Moderator:

15.30 - 16.30

Collaborating to scale ammonia use and advance decarbonisation objectives

As the world seeks cleaner energy alternatives, Japan has committed to pioneering 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 and shipping. This gradual increase in the proportion of ammonia within the energy mix will position Japan as a market leader, whilst stimulating economic growth and job creation. By working with international partners to build distribution and storage infrastructure for higher volumes, Japan can promote the global adoption of ammonia, establish a robust international supply chain and drive reduction in CO2 emissions.

Attendee Insights: Learn which new policies and frameworks, from handling to safety protocols and certification and labelling, are required to transform the ammonia value chain and drive transparency. as well as understand the latest advances being made in co-firing, turbine, distribution and storage technologies.

Panellists:

Daisuke Hirota



Director & Investment Strategist, Hydrogen & Ammonia Division Energy Efficiency & Renewable Energy Department Ministry of Economy, Trade and Industry (METI)



Shigeru (Sam) Muraki President CFAA

Austin Knight VP Hydrogen Chevron New Energies

Global Origination and LNG Uniper Global Commodities SE





Moderator:

Flor De La Cruz Principal Consultant, Asia Pacific Power and Renewables Wood Mackenzie



Lachlan Clancy Partner Herbert Smith Freehills



16.30 - 17.10

Futureproofing the electricity grid to manage new complexities and support sustainable growth

The electricity power grid and utilities sector are at a crossroads, facing unprecedented challenges in the wake of rapid technological advancements, rising demand, and shifting regulatory landscapes. The current market is characterised by a transition towards renewable energy sources, increased demand for grid resiliency, and the integration of smart technologies. However, the sector grapples with aging infrastructure, cybersecurity threats and the need for substantial investment. Conversely, these challenges present opportunities to innovate and develop a more efficient, sustainable and resilient grid. How can optimised grid investments create new revenue opportunities for utilities and businesses? How can Japan and Asia leverage innovation to build a future-ready grid that supports economic growth while advancing sustainability? What policies and investments will drive the most impact?

Attendee Insights: Explore how advanced grid technologies, AI-driven forecasting, and smart infrastructure can enable efficient energy trading, reduce operational costs, and create new revenue streams for utilities and businesses.

Panellists:



EVP, & CTO, TEPCO Power Grid,

Inc.



Dr. Hiroshi Okamota Ryoko Aoyagi Member of the Board, Japan Country President, Schneider Flectric



CEO, TG Octopus Energy Co., Ltd.

Moderator:



Paul Beddie VP, Global Client Partner & Sustainability Head, Capgemini Japan

17.10 - 17.50

Balancing unprecedented growth in energy demand 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 can deliver cost-savings through predictive maintenance, AL improved energy efficiency and optimised operations, the rapid corresponding development of data centres brings challenges of spiking energy demand. How can policymakers balance the socioeconomic benefits of the emerging data centre market with the challenges of delivering spiking power supply through a challenged regional grid system, as well as safeguard sustainable energy progress while prioritising technological 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.

Panellists:

Luis Gonzalez

Chief Data

& AI Officer

Aboitiz Power

Corporation

Dave Cooper CEO Data Centre Business, AGP Group



Maazhan

Kenesbai

MD AIO







Moderator:

Yuriy Humber President, Founder of Japan NRG, K.K. Yuri Group

Senior Director, Government Affairs (CELA),







PAN PRGY SUMMIT EXHIBITION

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

Day Two Thursday, 19 June 2025

10.00 - 10.25**FIRESIDE CHAT**

Speaker:





CEO. Shell Plc

10.25 - 11.25 Harnessing CCUS: Transforming Asia's industrial and energy sector s

The future growth opportunities for Carbon Capture, Utilisation and Storage (CCUS) across 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 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, with competitive cost structures and strong engineering capabilities driving the potential to achieve more than three gigatons of CO2 abatement per year by 2050. Is effective utilisation the key to commercialising carbon? Can EPCs and technology firms develop new processes and technologies quickly enough to deliver CCUS at decreasing costs and global scale?

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

Panellists:



Dr. Tomomi Yamada Managing Executive Officer, President of Officer, President of Overseas Business Division II, JAPEX



Mads Gade CEO, INEOS Energy Europe



Rob Cooper VP, Asia, Strategic Corporates & Partnerships – Gas & Low Carbon Energy



Solutions

Nora'in. Md Salleh

CEO. PETRONAS CCS

Satoshi Kanamori Dr. Hamed Soroush Managing Executive Officer, K Line CEO TEVERRA

Stephanie Chiana Senior Research

Moderator:



Building a resilient LNG market in Asia: Supply, stability, and sustainability

As Asia's appetite for LNG and natural gas accelerates, 2025 marks a critical juncture for reshaping global energy systems. LNG remains a cornerstone of regional economic and industrial growth, enabling energy security while serving as a bridge to a lower-carbon future. Meeting the growing demand requires diversified sourcing, strategic infrastructure investments, and solutions to mitigate price volatility, even as geopolitical complexities influence energy markets. Regional cooperation and the adoption of innovative technologies, such as carbon capture and storage (CCS), are vital to enhancing resilience, ensuring competitiveness, and optimising supply chains. How can Asia strengthen supply security while balancing geopolitical and economic risks? What strategies will drive LNG market expansion while ensuring price stability and competitiveness? How can LNG and natural gas serve as a foundation for a sustainable, long-term energy mix in Asia?

Attendee Insights: Explore how Asia can secure LNG supply chains, drive market expansion, and position natural gas as a key driver of sustainable energy growth amid rising demand and evolving market dynamics.

Panellists:



Department Tokyo Gas Co., Ltd

Chris Starling

Chief Strategy Officer JERA Asia







Moderator:

Felix Booth

Head of LNG



Mehdi Chennoufi

Head of LNG & Origination Asia, Vitol

SVP, Global Marketing





Senior Analyst, Head of Gas Group, The Institute of Energy Economics, Japan (IEEJ)





Analyst, CCUS, Wood Mackenzie

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Day Two Thursday, 19 June 2025

12.25 - 13.15

Securing LNG's role as a fuel for a net-zero future

LNG's flexibility, reliability, and lower-carbon profile make it a vital enabler of the global energy transition, supporting energy security while helping to reduce emissions compared to coal and oil. As countries work towards carbon neutrality by 2050, LNG will play a long-term role in providing affordable, cleaner energy. However, to fully secure its place in a net-zero world, the industry must accelerate efforts to decarbonise, particularly by addressing methane emissions. New EU regulations requiring stricter methane measurement, reporting, and leak detection, alongside growing calls for cleaner LNG from Japan and other Asian markets, highlight the need for industry-wide collaboration and innovation across the supply chain. How much can CCUS, methane detection, and upstream abatement lower LNG's carbon footprint? How will the EU's methane regulations impact European LNG imports and global suppliers? What collaborative efforts can accelerate technology adoption and reinforce LNG's net-zero credentials?

Attendee Insights: Understand how LNG's lower-carbon profile supports energy security and decarbonisation, and how reducing methane emissions and adopting cleaner technologies can secure its long-term role in a net-zero future.

Panellists:



EVP Energy Business,

Member of the Board







Energy & Extractives, World Bank





Christopher Goncalves Chair & MD, Energy & Climate, BRG

Moderator:

13.15 - 13.45 **NETWORKING LUNCH BREAK**

13.45 - 14.35

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, developing zero-emission ships, and improving 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 scaling challenges. How can sufficient volumes of ammonia and methanol be made available to hit 2030 targets, what implications for shipping does the longer-term 2050 decarbonisation pathway represent, and what are the commercial opportunities?

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.

Panellists:



Deputy Director-General for Technical Affairs, Ministry of

Land, Infrastructure

Transport and Tourism (MLIT)



akahash

Science Inc.

Stone 7hg

MD, Amogy



Masahiro (Max) Director & Managing Executive Officer, Japan Marine





Corporation





Moderator:

Principal Insight Analyst – LNG & Natural Gas Kpler



Laurent David General Delegate, GIIGNL



Country Manager

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14.35 - 15.15

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 sustainability, economic growth and energy security. Nuclear power can 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. However, the sector faces significant challenges, including aging infrastructure, overcoming public opposition and addressing nuclear waste management. How can Japan leverage advancements in nuclear technology, such as small modular reactors (SMRs) and next-generation reactors, to enhance safety and efficiency, while also addressing public concerns and opposition to nuclear energy?

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.

Panellists:









Director, PT Xpert Synergy Solution



Executive Director, Japan Atomic Energy Agency (JAEA) Energy Agency (I





Nobuo Tanaka Hiroko Kondo Executive Director Representative, LLC Emeritus, International Energy Agency (IEA)

15.15 - 15.55

Fuelling the Future: Pioneering the next wave of clean energy with alternative fuels

The expanded use of alternative fuels, including e-methane, biofuels and sustainable aviation fuel (SAF), is emerging as a critical pathway for Japan and Asia to meet decarbonisation targets and enhance energy security. While these fuels can offer both near-term emissions reductions and longer-term potential to support industrial transformation across sectors, scaling production, ensuring supply chain resilience and achieving cost competitiveness remain significant challenges. Regional cooperation, policy support, and investment in new technologies will be essential to accelerate deployment. How can governments and industry collaborate to build sustainable demand and infrastructure for alternative fuels? What role should regional partnerships play in securing feedstocks and harmonising standards?

Attendee Insights: Understand what's needed to scale alternative fuels in Japan and Asia – from policy support to regional cooperation – to balance decarbonisation, energy security, and affordability.

Panellists:









Hisataka Yakabe Executive Fellow, Green Transformation Company Tokyo Gas Co., Ltd.

Dr. Gianluca Ambrosetti CEO & Founder, Synhelion

Founder & CEO, Asia Sustainable Aviation Fuel Association (ASAFA)

Dato' Leong Kin Mun President, Malaysia Biomass Industries Confederation

Day Two Thursday, 19 June 2025

15.55 - 16.25

The future of carbon markets: Unlocking Asia's potential for emission reductions

Asia is becoming a key player in the carbon removal market, driven by corporate net-zero goals and national decarbonization efforts. Japan leads in bilateral carbon partnerships under Article 6.2 of the Paris Agreement and has pioneered carbon-LNG integration. However, since the Ukrainian war, corporate interest in voluntary carbon markets (VCM) has waned, with countries like Indonesia tightening carbon credit export regulations. Meanwhile, major OECD Asian economies, including Japan, are shifting toward emissions trading schemes like GX-ETS. Despite challenges such as land-use competition and regulatory fragmentation, Japan continues to shape regional carbon markets, advancing pricing frameworks and securing long-term carbon credit supplies. As Asia advances in carbon removal, how can companies navigate regulatory and market complexities to secure long-term carbon credits? What financing and technology innovations will drive high-integrity projects? And how can nature-based solutions align with climate goals while ensuring land rights and social equity?

Attendee Insights: Understand how carbon pricing and removal technologies are shaping Asia's path to decarbonisation, the challenges in scaling them, and the opportunities for regional collaboration and innovation to drive sustainable growth.

Panellists:





plc

 Fabio Nehme
 John I

 Senior EVP, Global
 MD As

 Head of Carbon and Head, EMEA, Green
 Group

 Hydrogen
 ReNew Energy Global



John Davis MD Asig Pacific, ACT

T Benjamin Corbould Executive Director, He

Executive Director, Head of Commodities, Trade & Carbon, Asia, Commonwealth Bank of Australia

Moderator:

16.25 - 17.05

Financing the shift: New routes for energy investment in Asia

As Asia navigates a complex energy transition, both clean and conventional energy projects are facing a rapidly evolving financial landscape. In Japan and across the region, delivering energy security, affordability, and sustainability requires more than just new technologies – it demands adaptive funding models, public-private collaboration, and resilience in the face of shifting trade dynamics and geopolitical pressures. From LNG and hydrogen to carbon capture, batteries, offshore wind, and nuclear innovation, the investment case for energy is growing more diverse – but also more challenging. Rising capital costs, regulatory fragmentation, and supply chain constraints are reshaping how projects are financed, de-risked, and scaled. With pressure mounting from global trade tensions and evolving climate policies, how are developers and investors adapting? What role can blended finance, export credit agencies, and sovereign wealth play in derisking large-scale energy infrastructure?

Attendee Insights: Discover how Japan and the wider region are adapting their financing strategies to support the full spectrum of energy projects, and what lessons can be drawn from global markets navigating similar challenges.

Panellists:



Jose Antonio Millan Ruano President & CEO, Nozomi Energy

Managing Director,

Japan Head of Government Affairs

& Public Policy, BlackRock Japan

Co., Ltd



Bruno Gaussorgues Group Country Head, Japan, Societe Generale

Moderator:



Yvette Manolas Global Climate Consultant, Yvette Manolas Consulting Pty Ltd



Group Country Head, Japan, Societe Generale

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17.05 - 17.35

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, increasing affordability with competitive pricing, and harmonising regulatory frameworks to foster new collaboration. Closer digital integration of energy markets can also provide commercial advantages, including improved efficiency, cost savings, demand-side flexibility and new revenue streams. How can Southeast Asian countries better align 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.

Panellists:



Yoonaidharma

Commissioner

Energy Regulatory Commission (ERC) of Thailand



Ameko Zhang Head of Gas & Power Trading, Asia Pacific ENGIE Global Energy Management & Sales (GEMS)



Founder & CEO, Agile Energy X, Inc



Moderator:

Marnix Schriine

Head of Power Market Analysis Southeast & East Asia, AFRY

17.35 - 18.15

Women in Energy: Increasing representation in the energy industry to foster innovation, address skills shortages, and strengthen competitiveness

Despite making up 39% of the global labour force, women only account for 16% of the traditional energy sector, according to the IEA. 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. This creates an obvious opportunity for both women and the sector. How can the energy industry attract more female talent to not only address skill shortages and enhance competitiveness, but also offer women real and equitable career pathways? Can women who have moved on from the sector be encouraged to return and if so, what do these strategies look like? What strategies can be implemented to increase women's representation in leadership roles in the energy industry beyond middle management?

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

Panellists:





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

Governance &

Analysis, Woodside

VP Portfolio

Energy



Momovo Yuki Head of Research & Analysis, Strategic Planning Dept., Overseas Business Division I, Japan Petroleum Exploration Co., Ltd.

Kanna Mihara

Japan Country

President, BHP



Moderator:

Denise Mannix President, LINE (Lean In Network Energy)



Day Three Friday, 20 June 2025

10.00 - 10.50

Achieving carbon neutrality by 2050: Putting METIs 7th Strategic Energy Plan into action

METIs 7th Strategic Energy Plan represents a critical blueprint for Japan, creating a comprehensive roadmap to address global energy security, climate action and technological innovation. Key areas of focus include the rapid expansion of renewable energy, particularly offshore wind and solar, as well as groundbreaking advancements in hydrogen and ammonia. The plan also emphasises the role of nuclear power in ensuring energy security, alongside digitalisation and smart grid technologies for optimising energy efficiency and integrating diverse energy sources. Central to the strategy is Japan's ambitious commitment to achieving carbon neutrality by 2050, striking a balance between economic growth and environmental sustainability. How can Japan ensure a stable and cost-effective supply of LNG and natural gas to power growth through the transition? How can Japan leverage international collaboration to advance hydrogen, ammonia, and other emerging energy technologies? What role will digitalisation and AI play in optimising energy systems and achieving the goals of the 7th Energy Strategy?

Attendee Insights: The discussion will explore METIs revised energy strategy, how best to implement it, and the implications for the global energy transition.

Panellists:



Hajime Wakuda Director-General of Natural Resources & Fuel, Ministry of Economy, Trade and Industry (METI)



Carlos de la Veaa VP, Marketing & Commercial Development, Sempra Infrastructure



Helle Kristofferser Tatsuya Terazawa President Asia & vember of the Executive Committee, TotalEnergies



Katsumi (Ken) Kuroda Senior Advisor, Cheniere Marketing

Ltd.





Executive Director Emeritus International Energy Agency (IEA)



Anil Taparia COO Green Hydrogen & Ammonia Business, ACME Group

10.50 - 11.40Building a market for green products: Japan's pathway to a sustainable GX economy

Japan is taking a bold step toward green transformation (GX) by establishing a market for low-emission products, spearheaded by METI in collaboration with the GX League, a coalition of over 700 companies committed to carbon neutrality. The "GX Initiative Declaration" encourages businesses to commit to purchasing and using green products to drive stable demand, with an initial focus on green steel, sustainable aviation fuel (SAF), electric vehicles, bio-based chemicals, hydrogen and ammonia. However, challenges remain in scaling adoption, ensuring affordability, and aligning incentives across industries. How can Japan ensure sufficient demand to sustain a competitive green product market? What policy and financial mechanisms are needed to make green products cost-effective, and provide stability to offtakes? How can Japan's GX market align with global sustainability initiatives to drive broader impact, and what lessons can be learnt from international initiatives?

Attendee Insights: Understand how Japan is building a market for green products through the GX Initiative, tackling challenges in demand, affordability, and global alignment to drive a sustainable economy.

Panellists:

Senior EVP &

President & CEO of GX (Green



Hideki Takada Director, GX Acceleration Agency



Masami Takenaka Lead Executive Officer, Senior GM Green Solution Project, ASAHI KASEI CORPORATION GM



Director/President

thyssenkrupp nucera Japan Ltd.

Moderator:

Dr. Venera N Andersor Strategy Advisor & Author, Sustainability & Climate. The Harvard Business Review Advisory Council

11.40 - 12.20

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

Asia is experiencing a significant shift towards renewable energy, driven by its diverse climates and abundant natural resources. Effective collaboration will be key to maximising the benefit of new supply, helping to establish new policy frameworks, investment strategies and technologies. What are the most promising renewable energy sources in Asia, and how can they be effectively harnessed? How can countries balance economic growth with environmental sustainability in their pursuit of renewable energy? What are the major technological advancements driving the renewable energy sector, and how can they be implemented at scale?

Attendee Insights: Gain an understanding of how Asia's shift towards renewable energy will require effective collaboration to develop policy frameworks, investment strategies, and technologies to harness renewable sources while balancing economic growth and environmental sustainability.

Panellists:



Masanori Imai Chairperson & Representative Director, Toda Corporation & Co-Representative of the Japan Climate Leaders' Partnership (JCLP)



Francois Dao VP. Middle East & Africa, EDF Renewables



Jens Orfelt Gavin Adda EVP & President, APAC (Offshore CEO. Peak Energy Development), RWE



Itsuka Ogawa Senior Research Fellow, Renewable

Energy Institute

Moderator:

12.20 - 12:50

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 supply for the grid as renewable energy sources increase. What role will 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.

Panellists:









Moderator:

Masaru Tsuchiya Partner, McKinsey

Yusuke Kojima Power Business Executive Officer PowerX, Inc Franck Bernard MD Energy Storage & Flexibility, Gurīn Energy

Kentaro Ono MD Japan, Eku Energy Japan KK

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naging Executive Officer Cutive of Energy Trading Tokyo Gas

Helle Kristoffersen

President of Asia & member of the Executive TotalEnergies

Kathy Wu

Regional President Asia Pacific Gas & Low Carbon Energy

J SUN

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 Three Friday, 20 June 2025

12.50 - 13.20

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

To support the growth of renewable energy and 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? 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.

Panellists:









Moderator:

Magdalena Osumi Clean Energy Analyst, Yuri Group / Japan NRG

Global Head of Metals & Minerals Analysis, Trafigura

Graeme Train

Janardhanan Deputy Director (Climate & Energy) & South Asia Regional Coordinator, Institute for Global Environmental Strategies (IGES)

Dr. Nanda Kuma

13.20 – 13.30 CHAIR'S CLOSING REMARKS

Speaker:



Executive Director Emeritus International Energy Agency (IEA)

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Technical Conference

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, affordable and secure energy.

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

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Technical Experts Shaping the Agenda

Meet the Technical Conference Committee



Edi Saputra Gas & LNG Advisor Poten & Partners



Futoshi Tsuneyama Senior Advisor, E&P Department Idemitsu Kosan Co., Ltd



Hassan Alzain Environmental Management Graduate (Former Head of Environmental Science, Sustainability & Policy, Aramco) Aramco



Akiko limura Executive Director New Energy & Industrial Technology Development Organization NEDO



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



Khairil Annuar B M Noor - Ts. Senior Manager, International Operations (Group Security -PETRONAS HQ) PETRONAS



Masayori Yoshino Manager, Project Development Osaka Gas



Mathieu Geze Director Asia HDF Energy



Mona Bhagat CTO & Co-founder Elemental Energies



Muammer Akturk Manager, North Pacific Regional Business Development ABS



Norshahida Baharudin Manager, Capability & Embedment PETRONAS



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



Taiwo Oyewole Strategy Advisor, Low Carbon Solutions Shell



Yosuke Adachi Manager, Subsurface Evaluation Dept. Technical Division Japan Petroleum Exploration Co., Ltd.

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

Technical Conference Speakers



Joe Raia ссо Abaxx Exchange



Gianluca Roscioli CEO Arculus Solutions, Inc.



Dr. Thomas Koller **Regional Hydrogen** & CCUS Segment Lead, APAC



Harshit Sharma Director of Energy Consulting



Ciaran Roe CCO & Co-Founder



Muhammad Asef Hashmi Senior Drilling Engineer



John Koo Senior Strategic Business Planning Account Manager, APAC Business Development Director



Kvaw Hein Smart Grid Research Scientist



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



Dr. Santanu Purohit Team Lead - Digital Business Bharat Petroleum Corporation Ltd.



Mona Bhagat CTO & Co-founder



Fabio Bottone Sr. Specialist Solutions Architect nazon Web ervices (AWS)



Prasad Raman Senior Sales Engineer (APAC) n Clean



Ikuo Hoshino Sales Lead - Japan **Energy Exem**



Ke Li GenAl Specialist Solutions Architect Amazon Web Services (AWS)



Renuhaa Asaithambi Product Line Manager - Enterprise Lower Carbon Chevron



Dr. Shahira Aly CO2 Research & Business Development Manager



Robert Baumgarten Application & Project Manager hte GmbH



René Leven Hydrogen & CCUS Lead John C



Kian Wei Tan Senior Advisor, Low Carbon Solutions-SEA Region Но burton



Rajeev Kumar Chief General Manager, Marketing ,o&m & HSSE (Gas), HQ arat Petroleum **Corporation Limited**



Franz Brotzen Emmett Fellow Harvard Law School



Shu-Yu Liu Associate Researcher Industrial Technology arch Institute



Mathieu Geze Director Asia



Kenji Kawabata Group Manager







Sai S. Sreedharan **Research Scientist** KAUST



Siddharth Setia GM APAC Kongsberg Digital



Nick Ferguson Chief Evangelist LiveEO



Hassana Mbeirick CEO n&Meen м

Abdul Hadi bin Alias

Manager, Low Carbon Product

PETRONAS

Elizabeth Loi

Senior Bid Manager

mens Energy



Dong Zhili Associate Professor Nanyang Technological University



Bey Ignatius Purba Business Analys PT Perusahaan Gas Negara Tbk



Yeo Tze Yuen Senior Professional Officer Singapore Institute of Technology



Jenya Meydbray Chief Commercial Officer Nevados



Sermphon (Tay) Klaiseengern Solution Architect Director Quorum Software



Charlie Chou Business Segment Leader – Refining & Petrochemicals Sulzer Chemtech



Nishant Sharma DGM NTPC Ltd.



Dr. Kwanruetai Boonyasana Lecturer & Researcher Rajamangala University of [echnology Phra Nakhon (RMUTP)



John Chen Regional Aftersales Specialist (APAC) – Safety Links Trelleborg Marine Systems



Smith Wattanasoponvanij Independent Consultant OSVARD CO., LTD and GLOBAL R&D CO., LTD.



Sultan Shaqaq Lead Engineer Saudi Aramco



Andre Navarro de Miranda Post-doc amp-Brazil



Professor / Director -Institute for Sustainable Transport (IST) Universiti Teknologi Malaysia

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Day One Wednesday, 18 June 2025

ENERGY TRANSITION & DECARBONISATION

Energy Efficiency & Sustainability

Session chair: Kian Wei Tan, Senior Advisor, Low Carbon Solutions (SEA Region), Halliburton

10.00 - 10.15

Pioneering techniques for drilling extended reach wells in complex reservoirs

Speaker: Muhammad Asef Hashmi, Senior Drilling Engineer, ADNOC Onshore

10.15 - 10.30

India reaching NetZero by 2070: Possible Scenarios with LiFE Initiatives

Speaker: Nishant Sharma, DGM, NTPC Ltd.

10.30 - 10.45

Decarbonisation by improving fired heater efficiency to ≥95%

Speaker: Charlie Chou, Business Segment Leader – Refining & Petrochemicals, Sulzer Chemtech

10.45 - 11.00

The benefits of third-party certification and verification for geological storage projects

Speaker: James Thornton Laybourn, Regional Head of Sales, DNV

11.00 - 11.15

Decarbonisation of steam crackers: Can hydrogen really replace natural gas in steam crackers?

Speaker: Smith Wattanasoponvanij, Research Engineer, SCG Chemical

11.15 - 11.25 **Q&A SESSION**

Strategic Planning & Capital Management

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

11.35 - 11.50

Eliminating the cost and space barriers for smallto-midsize emitters through fully column less and modular carbon capture technology

Speaker: Prasad Raman, Senior Sales Engineer (APAC), Carbon Clean

11.50 - 12.05

Digital solutions for planning & strategy development towards net zero emission targets

Speaker: Sermphon (Tay) Klaiseengern, Solution Architect Director, Quorum Software

12.05 - 12.20

Innovative Carbon Dioxide Capture and Fuel Recycling (CCFR) Technology for decarbonising limestone manufacturing in Okutama, Japan

Speaker: Dr. Shahira Aly, CO2 & Process Innovation of Research and Development Dep Manager, E-Plus

12.20 - 12.35

Conversion to a green refinery configuration: Assessing options, risks, and viability

Speaker: John Koo, Business Development Director-Asia Pacific Operations, Becht

12.35 - 12.45

Q&A SESSION

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Trade & Capital Management

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

12.55 - 13.10

Carbon border adjustment mechanisms: How decarbonising trade will affect oil-producers in the gulf?

Speaker: Franz Brotzen, Emmett Fellow, Harvard Law School

13.10 - 13.25

Financing & investment: Green finance for sustainable development and feasibility of carbon offsets

Speaker: Dr. Kwanruetai Boonyasana, Lecturer and Researcher, Rajamangala University of Technology Phra Nakhon

13.25 - 13.40

Ensuring an equitable energy transition

Speaker: Dr.Thomas Koller, Regional Hydrogen and CCUS Segment Lead, APAC, DNV

13.40 - 13.55

Cryogenic carbon and sulphur capture demonstration

Speaker: Dr. Sai Shrinivas Sreedharan, Research Scientist, KAUST

13.55 - 14.05 **Q&A SESSION**

AI & DIGITAL TRANSFORMATION

Al for Energy

Session chair: Harshit Sharma, Director of Energy Consulting, FutureScaleX

14.15 - 14.30

Empower utility load forecasting with Gen-AI

Speakers: Fabio Bottoni, Sr. Specialist Solutions Architect, Amazon Web Services (AWS)

Ke Li, GenAl Specialist Solutions Architect Amazon Web Services (AWS)

14.30 - 14.45

Roadmap to a digitally born facility of the future in the new energy era: Gain operational excellence & sustainable value with Al-enabled decision making

Speaker: Siddharth Setia, GM APAC, Kongsberg Digital

14.45 - 15.00

Averting catastrophe: An Al-driven predictive model for pipeline risk mitigation

Speaker: Nick Ferguson, Chief Evangelist, LiveEO

15.00 - 15.10 **Q&A SESSION**

Day Two Thursday, 19 June 2025

HYDROGEN & AMMONIA

Production, Applications & Infrastructure

Session chair: Mona Bhagat, Chief Technology Officer, Elemental Energies

10.00 - 10.15

Hydrogen to decarbonise power and maritime sector in island ecosystem

Speaker: Mathieu Geze, Director Asia, HDF

10.15 - 10.30

Hydrogen and ammonia markets facing roadblocks need new solutions

Speaker: Ciaran Roe, CCO & Co-Founder, HySights

10.30 - 10.45

Research and development of large-scale ammonia cracking technology for low-carbon hydrogen production by tubular ammonia cracking furnace

Speaker: Kenji Kawabata, Group Manager, JGC Corporation

10.45 - 11.00

Optimising hydrogen compression: Evaluating efficient hybrid solutions

Speaker: Elizabeth Loi, Senior Bid Manager, Siemens Energy

11.00 - 11.10 Q&A SESSION

RENEWABLES

Wind, Solar, Biomass & Thermal

Session chair: Kian Wei Tan, Senior Advisor, Low Carbon Solutions (SEA Region), Halliburton

11.35 - 11.50

Assessment of red yeast to convert lignocellulosic sugars into lipids to produce Sustainable Aviation Fuels precursor

Speaker: Shu-Yu Liu, Associate Researcher Industrial Technology Research Institute

11.50 - 12.05

Articulating solar tracker design eliminates land grading on complex terrain for sustainable, lowimpact solar development

Speaker: Jenya Meydbray, Chief Commercial Officer, Nevados

12.05 - 12.20

Challenges in valorising biogas from palm oil mills effluent in peninsular Malaysia

Speaker: Nurul Huda Nazly Tan, Process Design Engineer, PETRONAS

12.20 - 12.35

Repurposing of pharmaceutical industry solvent wastes into biodiesel feedstock

Speaker: Yeo Tze Yuen, Senior Professional Officer Singapore Institute of Technology

12.35 - 12.45 **Q&A SESSION**

NATURAL GAS & LNG

E&P – New Projects & Investments

Session chair: Ikuo Hoshino, Sales Lead - Japan, Energy Exemplar

12.55 - 13.10

Multi-layer barrier coating to retrofit natural gas transmission pipelines to safely transport CO2 or hydrogen

Speaker: Gianluca Roscioli, CEO, Arculus Solutions, Inc.

13.10 - 13.25

From Stranded to Valued: Gas-to-Liquid as a Monetization Solution for Isolated Gas Reserves in Indonesia

Speaker: Bey Ignatius Purba, Business Analyst, PT Perusahaan Gas Negara Tbk

13.25 - 13.40

The role of Abaxx physically settled LNG futures in LNG trading and market mechanisms

Speaker: Joe Raia, CCO, Abaxx Exchange

13.40 - 13.55

Ship-shore safety links: What is the future?

Speaker: John Chen, Regional Aftersales Specialist (APAC) – Safety Links, Trelleborg Marine Systems

14.15 - 15.10 **Q&A SESSION**

ENERGY INNOVATORS CHALLENGE

The Energy Innovators Challenge is a peer-reviewed competition that invites individuals and companies to showcase new concepts and groundbreaking solutions to real-world challenges facing the energy sector today. All submissions will be reviewed by a panel of industry experts, with a shortlist of the most exciting solutions invited to attend the Japan Energy Summit & Exhibition to present their topic on stage to the industry. A prize will be given to the winning response from each category.

Day Three Friday 20 June 2025

AI & DIGITAL TRANSFORMATION

Innovation & Project Planning

Session chair: Harshit Sharma, Director of Energy Consulting, FutureScaleX

10.00 - 10.15

Digitalisation of product carbon foot printing

Speaker: Renuhaa Asaithambi, Product Line Manager - Enterprise Lower Carbon, Chevron

10.15 - 10.30

Driving Business Efficiency in CGD through Digital Twin Implementation

Speaker: Dr. Santanu Purohit, Team Lead - Digital Business , Bharat Petroleum Corporation Ltd.

10.30 - 10.45

Increasing power quality by using machine learning

Speaker: Sultan Shaqaq, Lead Engineer, Saudi Aramco

10.45 - 10.55 **Q&A SESSION**

GRID UTILITIES

Grid Infrastructure & Integration

11.05 - 11.20

How are power systems dealing with high-level of variable renewable energy penetration in APAC?

Speaker: Kyaw Hein, Smart Grid Research Scientist, EDF

11.20 - 11.35

Japan-Africa cooperation: Co-creating a sustainable future for Africa

Speaker: Hassana Mbeirick, CEO, Meen&Meen

11.35 - 11.45

Q&A SESSION

TRANSPORTATION, STORAGE & INFRASTRUCTURE

Session chair: Kenji Kawabata, Group Manager, JGC Corporation

11.55 - 12.10

Groundbreaking metal-free Li-air battery cell for multi-technique operando Synchrotron analysis

Speaker: Andre Navarro de Miranda, Post-doc, Unicamp

12.10 - 12.25

The effect of plastic deformation on hydrogen diffusion in additively manufactured nickel Alloy 625

Speaker: Dong Zhili, Associate Professor, Nanyang Technological University

12.25 - 12.35 **Q&A SESSION**

FRONTIERS IN CLIMATE TECHNOLOGIES

12.45 - 13.00

Emission Monitoring to Value Creation: A Product-Level Carbon Traceability Framework for Upstream Energy

Speaker: Abdul Hadi bin Alias, Manager, Low Carbon Product, PETRONAS

13.00 - 13.15

Integrating Carbon Monitoring with Circular Economy Strategies for Green Energy Solutions

Speaker: Sumanta Bhattacharya, Expert Commission Member, Consultant, IUCN, ADB, NALSAR

13.15 - 13.25 **Q&A SESSION**

HYDROGEN & AMMONIA

Production, Applications & Infrastructure

Session chair: Mona Bhagat, Chief Technology Officer, Elemental Energies

13.35 - 13.50

Hydrogen as a blend into diesel engine as a pathway to reduce carbon emissions for transport and energy applications

Speaker: Srithar Rajoo, Professor, Universiti Teknologi Malaysia

13.50 - 14.05

A System View: Enhancing End-to End Efficiencies across the Hydrogen Value Chain

Speaker: René Leven, Hydrogen & CCUS Lead, John Crane

14.05 - 14.20

Boosting Ammonia Cracking Catalyst Development by High Throughput Experimentation at Elevated Pressures and Temperatures

Speaker: Robert Baumgarten, Application & Project Manager, hte GmbH

14.20 - 14.35

Advance energy efficiency and sustainability with free in line turboexpander technology

Speaker: Rajeev Kumar, Chief General Manager, Marketing ,o&m & HSSE (Gas), HQ, Bharat Petroleum Corporation Limited

14.35 - 14.45 **Q&A SESSION**

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JAPAN ENERGY CLUB





The Japan Energy Club, sponsored by Commonwealth LNG is an exclusive hospitality and business networking suite located at the heart of the Japan Energy Summit & Exhibition.

Purpose-built to facilitate high-value dialogue and strategic engagement, the Japan Energy Club offers a premium environment where senior energy leaders, innovators, investors, and policymakers connect in a private, businessfocused setting.

Positioned on the exhibition floor, the Japan Energy Club features a fully serviced lounge, discreet meeting rooms, and first-class hospitality—providing the ideal backdrop for bilateral discussions, deal-making, and meaningful relationship building across the international energy value chain.

To explore membership options or sponsorship opportunities please contact the team at: 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 highlevel business discussions, the Japan Energy Club is designed to provide the ideal environment for building successful business partnerships.



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Leadership Roundtables

Within the Japan 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.

- Invited participants are at the forefront of the energy industry, influencing change with insights and solutions-led outcomes, building a trusted support group of like-minded executives.
- Sessions are facilitated by an experienced moderator, and hosted by an industry thought-leader, ensuring a highly interactive discussion, offering fresh perspectives on the actions required to drive growth over the next decade.
- Limited to 20 delegates, each 90-minute Leadership Roundtable is held under the Chatham House rule to facilitate open conversation and information sharing, enable networking and open doors to relationship building.

Leadership Roundtable Programme

Knowledge Partners





Wednesday, 18 June

12.30 - 14.00

LEADERSHIP ROUNDTABLE 1

Scaling the New Energy system: Collaborative Strategies to Accelerate Hydrogen Demand Across Asia



With ambitious decarbonisation goals across Asia, hydrogen stands out as a versatile, low-emission solution with the potential to transform energy, transportation and industrial sectors. However, achieving widespread hydrogen adoption faces significant hurdles, including infrastructure limitations, high production costs, policy misalignment and the pressing need for technological advancements. To stimulate demand growth across the region, industry leaders and policymakers must address these barriers by creating market incentives, adapting regulatory frameworks, and promoting cross-sector applications that can drive demand. Public and private stakeholders will play a crucial role in developing a resilient hydrogen ecosystem.

This roundtable will identify actionable pathways to establish hydrogen as a core pillar in Asia's energy future, enabling significant progress toward sustainability and economic resilience across the region. Wednesday, 18 June

15.00 - 16.30

LEADERSHIP ROUNDTABLE 2 Natural Gas and LNG: Navigating Demand, Market Dynamics, and Sustainability



As the global energy landscape pivots toward cleaner sources, natural gas and LNG are positioned as key transitional fuels, balancing immediate energy needs with sustainability goals. Rising urbanisation, industrialisation and electricity demand - particularly in emerging markets - are driving substantial reliance on these fuels, but they face significant demand fluctuations, fuelled by seasonal shifts, geopolitical tensions and evolving market preferences, such as the movement from long-term contracts toward more spot-market trading. This creates a highly dynamic environment, with volatility in prices and regional imbalances adding complexity for stakeholders. Industry leaders, policymakers and experts need to optimise LNG supply chains, enhance infrastructure resilience, minimise emissions through technologies like carbon capture and leak detection, and ensure both affordability and energy security.

This roundtable will explore how market fluctuations, geopolitical factors and technological advancements are shaping the natural gas and LNG sectors.

Thursday, 19 June

LEADERSHIP ROUNDTABLE 3

Unlocking Carbon Value: Accelerating CCUS Deployment Through Policy, Innovation, and Collaboration

As Asia advances its decarbonisation agenda, carbon capture, utilisation and storage (CCUS) is emerging as a critical enabler of industrial transformation and emissions reduction. Yet despite its technical viability, widespread CCUS deployment remains constrained by regulatory uncertainty, high capital costs, and limited market mechanisms to support investment. To scale impact, governments and industry must work in tandem to create clearer policy frameworks, unlock commercial incentives, and foster innovation across capture, transport, utilisation, and storage technologies.

This roundtable will explore the enabling conditions required to mainstream CCUS as a cornerstone of Asia's net-zero strategy-bridging policy, finance, and technology to deliver actionable outcomes.

Thursday, 19 June

16.00 - 17.30

LEADERSHIP ROUNDTABLE 4

From Measurement to Mitigation: Advancing Emissions Management in Asia

As emissions reduction becomes a core priority across Asia's energy and industrial sectors, leaders are turning to data-driven strategies, credible benchmarking, and methane mitigation to meet targets without sacrificing growth. This roundtable gathered executives and policymakers to explore practical approaches to reducing emissions, including the urgent need to address methane, improve transparency, align with evolving policy and market signals, and build collaborative frameworks for impact at scale.

This roundtable will examine how harmonised benchmarks, improved emissions data, and crossborder coordination can strengthen emissions management frameworks and drive meaningful reductions. Key challenges and opportunities will be explored around policy alignment, financing mechanisms, and the role of technology in advancing measurement and verification.

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.



Day One, 18 June | Invitation Only

Official Welcome Reception

The Official Welcome Reception marks the prestigious opening of the Japan Energy Summit & Exhibition, offering an exclusive and elegant evening to celebrate the commencement of this influential event.

Scheduled for the evening of Day One (18 June) at a distinguished venue, this invitation-only reception brings together esteemed speakers, delegates, and exhibitors to network and engage over carefully curated welcome drinks and authentic local cuisine.

This refined gathering provides an unparalleled opportunity to foster meaningful connections, initiate dialogue, and set the stage for three days of highlevel discussions and collaboration shaping the future of energy.

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Day Two, 19 June | Open to All Attendees



Day Two, 19 June | Open to All Attendees

Future Leaders Networking Breakfast

Women in Energy Networking Reception

The next generation of energy leaders will gather at the Future Leaders Networking Breakfast, an exclusive event designed to inspire collaboration and connection among young professionals shaping the future of the energy industry.

Taking place on Day Two (19 June), from 8:30 - 9:30am in the Delegate Lounge, this session is open to all delegates, with a dedicated focus on professionals under 35 who have secured the Young Professionals Delegate Pass. Proudly sponsored by JAPEX, the Women in Energy Networking Reception celebrates the leadership, insight, and impact of women advancing the global energy transition. Taking place on Tuesday, 19 June 2025, in the Delegate Lounge at Japan Energy Summit & Exhibition, the reception fosters meaningful dialogue and collaboration among women leaders, emerging talent, and allies across the international energy value chain. Designed as an inclusive and welcoming gathering, the reception offers all attendees the opportunity to build professional networks, exchange insights, and support the advancement of a more innovative, resilient, and equitable energy future.

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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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Location for the Technical Conference and Climatetech Theatre

Foste to Acc

Climatetech Theatre

Harnessing New Thinking, New Concepts and New Ambitions, to Transform the Energy Landscape

Climatetech Theatre - Sponsored by



Comprising specially curated content, networking, and competitions, the Climatetech Theatre will provide a unique platform for students, young professionals, entrepreneurs, and industry executives alike, to explore cutting-edge ideas and innovations that will help develop new pathways in the journey towards net zero.

Featuring the Energy Innovators Challenge

A peer-judged competition for Students & Young Professionals and Start-ups & Entrepreneurs to propose innovative concepts and solutions to various problem statements, representing some of the most pertinent challenges the energy sector is currently facing, as we strive to decarbonise.

Sponsored by



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Tatsuo Masuda

Professor Kaishi Professional University and Former IEA Director



ring Collaboration celerate <u>Deployment of ClimateTech</u>

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.



JAPAN

Ken Freeman VP, Policy and Regulatory Development Asia Pacific ExxonMobil Low Carbon Solution

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Climatetech Speakers



Sylvia Low Regional Director APAC IPointFive



Helene Burger Head of International Cooperation and Sustainability, APAC Airbus



Fabrice Espinosa Founder & CEO Asia Sustainable Aviation Fuel Association



Takeshi Maeda Senior Reporter Argus Media Japan



Yvon Bernard Business Development Manager Axens



Petter Sund Country Manager & Representative Director Baseload Power Japan



Takaya Taguchi Co-Founder & CEO Helical Fusion



Jan Lueckhof Senior Expert Sustainable Aviation DHL



Manuel Hubert EU-side MD EU-Japan Centre for Industrial Cooperation



Florence Arnu Manager EU-Japan Centre for Industrial Cooperation



Kazuki Matsuo CEO, Founder EX-Fusion Inc.



Scott Berrie Director of Origination (Europe & APAC) in Sales ROW UK



Shutaro Takeda Co-founder & Chief Strategist Kyoto Fusioneering



Abby Symes Chief Corporate & Government Affairs Officer I-Pulse Inc.



Ganesh Karki President IPPAN



Bowen Ding Business Developer Johnson Matthey



Dominic Winch Strategic Market Manager – Future Technologies Johnson Matthey



Jihyun Kim Stakeholder Engagement Manager, Impact Department Science Based Targets initiative



Tatsuo Masuda

Kaishi Professional

Professor

University

Thomas Winkler Global Application Manager CCS Sulzer



Dr. Venera N. Anderson Strategy Advisor, Sustainability & Climate | Author The Harvard Business Review Advisory Council





Kevin Lesaulnier GM & Head of Sales North Asia METRON

Thomas Maurisse

SVP - Strategy &

Growth Asia and

Middle East TotalEnergies



Kae Takase Senior Manager-Climate Change Renewable Energy Institute



Zak Thomson Field Development Consultant Xodus

Dr. YuLi Tsai

Tokyo Computing

President

Climatetech Agenda

Day One Wednesday 18 June 2025

15.15 - 15.30

Green versus pink hydrogen production in Japan: A partial circular economy approach

Speaker: **Dr. Venera N. Anderson**, Strategy Advisor, Sustainability & Climate & Author, The Harvard Business Review Advisory Council

15.30 - 16.30

PANEL DISCUSSION:

EU-Japan business cooperation – Decarbonization opportunities in Japan and in foreign markets



EU-Japan Centre for Industrial Cooperation 日欲産業協力センター

Panelists:

Manuel Hubert, EU-side MD, EU-Japan Centre for Industrial Cooperation

Masatoshi Sato, Country Manager, ACT Solutions Petter Sund, Representative Director, Baseload Power Kevin Lesaulnier, GM & Head of Sales North Asia, METRON Moderator:

Florence Arnu, Manager, EU-Japan Centre for Industrial Cooperation

16.30 - 17.15

Fusion energy: Advancing the future of clean power

Panelists:

Shutaro Takeda, Co-founder and Chief Strategist, Kyoto Fusioneering Takaya Taguchi, Co-Founder & CEO, Helical Fusion Kazuki Matsuo, CEO, Founder, EX-Fusion Inc.

Yuta Nojiri, CEO, LINEA Innovations Moderator:

Masato Taketomi, Founder & CEO, Vueloo, Inc

17.15 - 17.30

Decarbonising Japan - CCS innovation and insights

Speaker: Zak Thomson, Field Development Consultant, Xodus

17.30 - 17.45

Enhanced gas separation: Next-gen membranes for hydrogen and helium recovery

Speaker: Peter Bartlett, Tyrell Solution

Day Two Thursday 19 June 2025

14.15 - 15.10

ENERGY INNOVATOR CHALLENGE

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15.15 - 15.30

Bidding strategies for Japan's frequency markets and the impact on BESS revenue optimisation

Speaker: Scott Berrie, Director of Origination (Europe & APAC) in Sales ROW UK, Gridbeyond

15.45 - 16.30 **PANEL DISCUSSION:** Carbon capture technologies: Bridging the gap to a lowcarbon world

SULZER

Speaker: Thomas Winkler, Global Application Manager CCS, Sulzer Moderator: Tatsuo Masuda, Professor, Kaishi Professional University

16.30 - 17.15

PANEL DISCUSSION: Hosted by the Asia Sustainable Aviation Fuel Association (ASAFA)

ASAFA

Panelists:

Thomas Maurisse, SVP - Strategy & Growth Asia & Middle East, TotalEnergies Helene Burger, Head of International Cooperation & Sustainability, APAC, Airbus Jan Lueckhof, Senior Expert Sustainable Aviation, DHL Yvon Bernard, Business Development Manager, Axens Sylvia Low, Regional Director APAC, IPointFive Moderator:

Fabrice Espinosa, Founder & CEO, Asia Sustainable Aviation Fuel Association

17.15 - 17.30

e-Methane: Unlocking the net-zero transition for consumers and industry using existing infrastructure and proven technology

Speakers:

Bowen Ding, Business Developer, Johnson Matthey Dominic Winch, Strategic Market Manager-Future Technologies, Johnson Matthey

Day Three Friday 20 June 2025

14.55 - 15.40

From strategy to action: Scaling up renewables for a sustainable future

Panelists:

Abby Symes, Chief Corporate and Government Affairs Officer, I-Pulse Inc.

Ganesh Karki, President, IPPAN

15.40 - 15.55

Optimization of procurement strategy for virtual power purchase agreement subject to credit risk management.

Speaker: YuLi Tsai, President, Tokyo Computing

15.55 - 16.10

SBTi Net-Zero Standard: Accelerating Corporate Climate Decarbonization

Speakers:

Jihyun Kim, Stakeholder Engagement Manager, Impact Department, Science Based Targets initiative

Kae Takase, Senior Manager-Climate Change, Renewable Energy Institute

16.10 - 16.25

Reducing Daily Employee Carbon Emissions with the Perwira Emission Reduction Program (PRIMA) at Pertamina Drilling

Speaker: Andro Ramada, HSE Coordinator, Pertamina Drilling Services Indonesia

16.25 - 16.40

Biomass solid fuels for de-fossilization

Speaker: Takeshi Maeda, Senior Reporter on Biomass, Argus Media Japan

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Climatetech Theatre	Complimentary Delegate Bag

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.

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Climatetech Theatre	Exhibition
Delegate Lounge	Complimentary Delegate Bag

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Attendee by Job Role



1% OTHER



3%

PROCUREMENT



21%

DIRECTORS

Attendee Business Type by Sector

% NATURAL GAS & LNG

2% RENEWABLES



8 PORTS, SHIPPING & STORAGE



8% LEGAL, FINANCE & INVESTMENT

Attendee Geography



Δ%

MIDDLE EAST

AND AFRICA

5% THE AMERICAS



% EUROPE



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