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SPE Symposium: Hydrogen and Hydrogen-Based Fuels

Unleashing the Potential of Low-Carbon Hydrogen:
Innovation, Infrastructure, and Implementation

11-12 June 2025 | Jakarta, Indonesia



200+
participants from
15+ countries



40+
industry and subject
matter experts



12+
hours of engaging plenary,
panels, technical and ePoster
sessions



6+
hours of targeted
networking breaks

go.spe.org/26SA01S

Symposium Preview



Welcome Message

Dear Industry Colleagues,

Hydrogen is emerging as a critical pillar in the transition to a low-carbon energy future, offering significant potential to decarbonise industries, enhance energy security, and drive economic growth.

To unlock hydrogen's full potential, it is important to enhance production efficiency, advance infrastructure development, refine policy frameworks, and boost market adoption.

We invite you to join the **SPE Symposium on Hydrogen and Hydrogen-Based Fuels** scheduled for 11 – 12 June 2025 in Jakarta, Indonesia. This event will bring together leading business and technical experts along with industry professionals to explore the latest advancements, policies, strategies, and best practices to shape the future of hydrogen.

The programme will focus on key aspects of hydrogen's role in the energy transition, highlighting technological innovations, infrastructure development, and market implementation. Key discussions will include advancements in production and integration technologies, transportation and storage strategies, and the expansion of hydrogen for large-scale deployment.

It will also examine the evolving global hydrogen economy, regulatory frameworks, policy considerations, and economic factors affecting investment and commercial adoption. In addition, the event will explore sector-wide integration, applications across industries, and the importance of international collaboration in accelerating market readiness.

Designed to facilitate high-level discussions and strategic knowledge exchange, the symposium provides a platform for industry leaders to engage in meaningful dialogue and share insights on the growing importance and utilisation of hydrogen. Attendees will gain valuable perspectives on accelerating the transition to a hydrogen-powered future through innovative technologies, regulatory support, and cross-sector partnerships.

We invite industry stakeholders to support this initiative through sponsorship or exhibition, further strengthening the collective effort to advance hydrogen adoption. Proceeds from this programme will be reinvested into SPE's non-profit initiatives, ensuring continued dissemination of technical knowledge and industry education.

We look forward to welcoming you to Jakarta in June 2025 as we shape the future of hydrogen together.



Henricus Herwin
Symposium Advisor
Senior Vice President
Strategy & Investment
PT PERTAMINA (Persero)



Fadil Rahman
Symposium Advisor
Director
Strategic Planning &
Business Development
**PERTAMINA New &
Renewable Energy**



M. Huzaini Ghazali
Symposium Advisor
Chief Strategy & Portfolio
Officer
Gentari



Alex Bower
Symposium Advisor
Global Head Marketing & Sales
Gentari Hydrogen



Kartika Puspitasari
Programme Co-Chair
Manager, Portfolio
Management
PT PERTAMINA (Persero)



Danial Khairi Ahmad
Programme Co-Chair
Global Head Project Design
Execution & Technology
Gentari Hydrogen

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**This Conference Preview is updated as at 24 February 2025.*

About the Symposium

The second edition of the SPE Symposium: Hydrogen and Hydrogen-Based Fuels and themed **“Unleashing the Potential of Low-Carbon Hydrogen: Innovation, Infrastructure, and Implementation”** will be held on **11-12 June 2025 in Jakarta, Indonesia.**

This symposium will explore the game-changing potential of hydrogen and hydrogen-based fuel applications and strategies as the industry advances on its journey to harness the true power of hydrogen, driving the transition towards cleaner energy sources.

This event will bring together industry leaders, regulators, business professionals, and subject matter experts to share insights, best practices, and the latest in strategic developments and technology. It will facilitate strategic and technical discussions, deepening the understanding of the hydrogen landscape, and providing collaborative and networking opportunities.



Executive plenary and panel sessions by industry business leaders



200+
participants from
15+ countries



40+
industry and subject matter
speakers and technical
presentations



12+
hours of engaging plenary,
panels, technical, and
ePoster sessions



6+
hours of targeted
networking breaks



Exhibit showcase of
cutting-edge services
and solutions





Create new network with industry experts and professionals globally



Collaborate with industry players, regulators, research institutions, and NGOs to foster common goals through knowledge sharing



Communicate ideas, experiences, and technological innovations to develop the hydrogen economy, production, operations, and supply chain

Join decision makers, business executives, technical professionals, and academia specialising in:

- Ammonia and Hydrogen Based Fuels
- Analyst, Research and Development
- Asset and Plant
- Business Development, Commercial and Partnerships
- Chemical and Engineering
- Energy Transition
- Geoscience and Reservoir
- Hydrogen
- Infrastructure
- Instrument, Process, Production and Facility
- Legal, Strategy and Policy
- Low Carbon and Decarbonisation
- Mobility
- New Energy, Clean Energy and Renewables
- Production and Operations
- Policy and Regulations
- Quality
- Supply Chain, Transportation, Logistics and Storage
- Sustainability
- Technical, Technology and Innovation



REGISTRATION IS NOW OPEN



Sign up by **17 March 2025** to take advantage of the Super Early Bird offer.
Group registration packages are also available – Register 5 people and pay for the price of 4.

Visit go.spe.org/26SA01S to register for the SPE Symposium on Hydrogen and Hydrogen-Based Fuels.

Committee

Symposium Advisors



Henricus Herwin
Senior Vice President
Strategy & Investment
PT PERTAMINA (Persero)



Fadil Rahman
Director
Strategic Planning & Business
Development
**PERTAMINA New &
Renewable Energy**



M. Huzaini Ghazali
Chief Strategy &
Portfolio Officer
Gentari



Alex Bower
Global Head Marketing & Sales
Gentari Hydrogen

Symposium Co-chairs



Kartika Puspitasari
Manager, Portfolio
Management
PT PERTAMINA (Persero)



Danial Khairi Ahmad
Global Head Project Design
Execution & Technology
Gentari Hydrogen



**CLICK TO VIEW THE
COMMITTEE LINE-UP**

Committee

Programme Committee

Adam Karl
Future Fuels Leader, ANZ
AECOM

Peter Cockroft
Strategic Director & Advisor
Asia-Pacific Net Zero Institute

Han Jing
Senior Vice President
Baowu Clean Energy Co., Ltd.

Bharat Abhyankar
Process and HSE Engineering Leader
Black & Veatch

Mark Stone
Executive Director,
Hydrogen and Future Fuels
Department of Energy and Climate Change

Robert Judd
Technical Director,
Hydrogen and Gas
DNV

Tony Zhang
Head, Carbon Management and
Energy Transition, Asia Pacific
GaffneyCline

Yoshitake Kato
Deputy General Manager
JOGMEC

Katsuya Ishikawa
Senior Staff Officer,
Hydrogen Strategy
Kawasaki Heavy Industries

Masashi Shirotake
Senior Vice President of Marubeni
Asian Power Singapore
Marubeni Corporation

Nazri B Muslim
Head of Hydrogen
Technology Program
PETRONAS Research Sdn. Bhd.

Ivy Chai
Manager-Hydrogen Technology
Program, Group Research &
Technology (GR&T / PD&T)
PETRONAS Research Sdn. Bhd.

Pungki Prayuda Ferdian
Senior Analyst III
Strategic Planning Petrochemical
PT Kilang Pertamina International

Yusuf Iskandar
Senior Analyst III,
Strategic Planning Petrochemical
PT Kilang Pertamina International

Betsy Vevyola Prihatini Gultom
Senior Analyst III,
Portfolio Management
PT Pertamina (Persero)

Farizka Ariesta
Senior Analyst I
Business Development I
PT Pertamina (Persero)

Fatma Uly Artha
Senior Expert I
Business Development I
PT Pertamina (Persero)

Ganjar Nugraha
Senior Analyst I,
Portfolio Management
PT Pertamina (Persero)

Haryo Satriya Oktaviano
Senior Specialist I,
Downstream Research
PT Pertamina (Persero)

Hermawan
Senior Analyst III
Tech Licensing
PT Pertamina (Persero)

Nana Lolita
Senior Analyst III
Business Development I
PT Pertamina (Persero)

Yohanes Handoko Aryanto
Senior Expert I, Business Trend
PT Pertamina (Persero)

Mohamad Husni Mubarak
Manager, Production &
Opt. Excellence
PT Pertamina Geothermal Energy (NRE)

Reymanditya Poerwito
Officer II, Gas Operations
PT Pertamina International Shipping

Dinda Rizki Lubis
Senior Analyst III,
Business Development
PT Pertamina Patra Niaga

Lumiel Fritz Manurung
Manager, Business Development
PT Pertamina Patra Niaga

Muhammad Taufik
Manager, BD Future Business
PT Pertamina Power Indonesia (NRE)

Awang Bhaswara
Manager Project Risk,
Risk Management Division
PT Perusahaan Gas Negara Tbk

Talhah Tamia Shahab
Division Head
Technology Management & Policy
PT Perusahaan Gas Negara Tbk

Yuthana Wanapruksa
Project Manager
CCU and H2 (BD)
PTTEP

Dr. Abdulaziz Al-Qasim
Champion of Upstream
Hydrogen Technologies
Saudi Aramco

Nabil Saifuddin
Account Manager
SLB Digital & Integration
SLB

Reco Dirman Putra
Department Head of
Technical Regulation No. 1
Toyota

Mark Elliot
Commercial – Hydrogen
Xodus Group

Our Sponsors

Host



Strategic Partner



Supporting Organisation



Schedule of Events

Wednesday, 11 June 2025

0800 – 1830 hours	Registration	Foyer, Level 3
0800 – 1830 hours	Symposium Headquarters and Speaker Check-In	Meeting Room 3, Level 3
0900 – 1000 hours	Opening and Keynote Session	Emerald & Sapphire, Level 3
1000 – 1030 hours	Coffee Break	Foyer, Level 3
1030 – 1200 hours	Executive Plenary Session: Unleashing the Potential of Low-Carbon Hydrogen: Innovation, Infrastructure, and Implementation	Emerald & Sapphire, Level 3
1200 – 1330 hours	Networking Luncheon	Ruby, Level 3
1330 – 1500 hours	Strategic Session 1: Innovation for Breakthroughs	Emerald & Sapphire, Level 3
1500 – 1530 hours	Knowledge Sharing ePoster Session 1 and Coffee Break	Foyer, Level 3
1530 – 1700 hours	Strategic Session 2: Building the Hydrogen Infrastructure & Backbone	Emerald & Sapphire, Level 3
1700 – 1800 hours	Welcome Reception	Foyer, Level 3

Thursday, 12 June 2025

0800 – 1830 hours	Registration	Foyer, Level 3
0800 – 1830 hours	Symposium Headquarter and Speaker Check-In	Meeting Room 3, Level 3
0900 – 1030 hours	Strategic Session 3 Realising the Hydrogen Economy: Strategies for Hydrogen Production, Transportation, and Storage	Emerald, Level 3
0900 – 1030 hours	Technical Session 1: Hydrogen Production and Integration Technologies	Sapphire, Level 3
1030 – 1100 hours	Knowledge Sharing ePoster Session 2 and Coffee Break	Foyer, Level 3
1030 – 1200 hours	Strategic Session 4: Accelerating Implementation and Market Adoption	Emerald, Level 3
1030 – 1200 hours	Technical Session 2: Hydrogen Storage, Distribution, and Infrastructure	Sapphire, Level 3
1200 – 1330 hours	Networking Luncheon	Ruby, Level 3
1330 – 1500 hours	Strategic Session 5: Integrating Hydrogen Across Sectors	Emerald, Level 3
1330 – 1500 hours	Technical Session 3: Hydrogen Utilisation and Applications	Sapphire, Level 3
1500 – 1530 hours	Knowledge Sharing ePoster Session 3 and Coffee Break	Foyer, Level 3
1530 – 1700 hours	Strategic Session 6: The Global Hydrogen Economy	Emerald, Level 3
1530 – 1700 hours	Technical Session 4: Hydrogen Regulation, Policy, and Economics	Sapphire, Level 3
1700 – 1800 hours	Welcome Reception	Foyer, Level 3

Symposium Programme Schedule

Time	Emerald & Sapphire Room
Wednesday, 11 June 2025	
0900-1000 hours	Opening and Keynote Session
1000-1030 hours	Coffee Break
1030-1200 hours	Executive Plenary Session: Unleashing the Potential of Low-Carbon Hydrogen: Innovation, Infrastructure, and Implementation
1200-1330 hours	Networking Luncheon
1330-1500 hours	Strategic Session 1 Innovation for Breakthroughs
1500-1530 hours	Knowledge Sharing ePoster Session 1 Coffee Break
1530-1700 hours	Strategic Session 2 Building the Hydrogen Infrastructure & Backbone
1700-1800 hours	Welcome Reception

Time	Emerald Room	Sapphire Room
Thursday, 12 June 2025		
0900-1030 hours	Strategic Session 3 Realising the Hydrogen Economy: Strategies for Hydrogen Production, Transportation, and Storage	Technical Session 1 Hydrogen Production and Integration Technologies
1030-1100 hours	Knowledge Sharing ePoster Session 2 Coffee Break	
1100-1230 hours	Strategic Session 4 Accelerating Implementation and Market Adoption	Technical Session 2 Hydrogen Storage, Distribution, and Infrastructure
1230-1330 hours	Networking Luncheon	
1330-1500 hours	Strategic Session 5 Integrating Hydrogen Across Sectors	Technical Session 3 Hydrogen Utilisation and Applications
1500-1530 hours	Knowledge Sharing ePoster Session 3 Coffee Break	
1530-1700 hours	Strategic Session 6 The Global Hydrogen Economy	Technical Session 4 Hydrogen Regulation, Policy, and Economics

Opening Session

Wednesday, 11 June 2025 | 0900-1000 hours | Emerald & Sapphire, Level 3

The Opening and Keynote Session will set the stage for an impactful event, bringing together insights from industry leaders, government officials, and expert market analysts.

This session will explore the transformative role of hydrogen in achieving global energy transition goals, addressing critical challenges such as scaling infrastructure, policy development, and fostering cross-sector collaboration.

It will also provide data-driven perspectives on hydrogen demand growth, investment trends, and its integration into decarbonisation strategies. Attendees will gain a comprehensive understanding of hydrogen's potential to reshape the energy landscape and drive sustainable innovation.

Executive Plenary Session

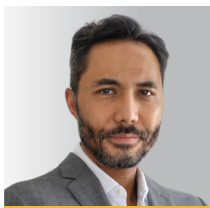
Unleashing the Potential of Low-Carbon Hydrogen: Innovation, Infrastructure, and Implementation

Wednesday, 11 June 2025 | 1030-1200 hours | Emerald & Sapphire, Level 3

Session Co-Chairs



Kartika Puspitasari
Rachmawati
Manager, Portfolio
Management
PT Pertamina (Persero)



Danial Khairi Ahmad
Global Head Project Design
Execution & Technology
Gentari Hydrogen

This executive plenary session will explore the transformative potential of low-carbon hydrogen, focusing on its pivotal role in driving the energy transition across the Asia-Pacific and Southeast Asia region, particularly in Indonesia. As momentum builds, this session will delve into the latest technological advancements, infrastructure development, and market strategies necessary to scale hydrogen adoption.

Key discussions will highlight Indonesia's national hydrogen strategy, examining how the country can leverage innovative technologies and build robust infrastructure to integrate hydrogen into its existing energy systems. This session will provide a comprehensive market outlook, detailing current and future demand dynamics, with a particular focus on strategic opportunities for off-takers and investors within the region.

Participants will also gain insights from global best practices, with lessons learned on effective policy frameworks, investment strategies, and successful hydrogen initiatives. The applicability of these models to the Asia-Pacific context will be analysed, offering strategic recommendations for adapting and implementing policies that foster regional collaboration and drive sustainable hydrogen growth.

Through expert perspectives and case studies, this session aims to equip stakeholders with the knowledge and tools needed to unlock the full potential of low-carbon hydrogen, positioning Indonesia and the broader Asia-Pacific region as leaders in the emerging hydrogen economy.

Strategic Session

Strategic Session 1: Innovation for Breakthroughs

Wednesday, 11 June 2025 | 1330 – 1500 hours | Emerald & Sapphire, Level 3

Speakers:



Shruti Joshi
Lead Petrophysicist
Baker Hughes



Wiwit Agustina
Wahyuningtias
Manager of Local Content
Utilization Management
PT Pertamina Patra Niaga



Mehdi Fardi
Principal Engineer
ROSEN



Alok Kumar
Founder
**Saarthi GreenTech
Private Limited**

Session Co-Chairs:



Haryo Satriya Oktaviano
Senior Specialist I
Downstream Research
Pertamina



Mohamad Husni Mubarak
Manager, Production &
Opt. Excellence
**PT Pertamina Geothermal
Energy (NRE)**



Dr. Abdulaziz Al-Qasim
Champion of Upstream
Hydrogen Technologies
Aramco

This strategic session will delve into the critical innovations driving breakthroughs in low-carbon hydrogen technologies. The focus will encompass advanced production methods, cutting-edge storage and transport technologies, and the role of digitalisation in enhancing efficiency and scalability.

Additionally, this session will explore economic and policy innovations vital for overcoming current challenges and accelerating the adoption of hydrogen as a key component of the energy transition.

By addressing these pivotal areas, this session aims to provide participants with a comprehensive understanding of how innovation can unlock the full potential of hydrogen, enabling it to play a central role in a sustainable, low-carbon future.

Strategic Session

Strategic Session 2: Building the Hydrogen Infrastructure & Backbone

Wednesday, 11 June 2025 | 1530 – 1700 hours | Emerald & Sapphire, Level 3

Speakers:



Xiaoxiao Lei
President Director
**PT Air Liquide
Indonesia**



Aproop Ponanda
Director Energy Transition
S&P Global

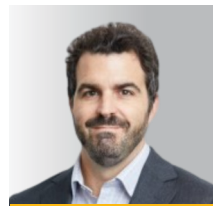
Session Co-Chairs:



Hermawan
Sr. Analyst III,
Tech Licensing
PT Pertamina (Persero)



Muhammad Taufik
Manager, BD Future
Business
**PT Pertamina Power
Indonesia (NRE)**



Mark Elliot
Commercial – Hydrogen
Xodus Group

This strategic session will focus on the critical role of infrastructure in developing a sustainable hydrogen-based economy. As hydrogen becomes a cornerstone of the energy transition, the need for robust and scalable infrastructure is paramount.

However, the industry faces a challenge in implementing pilot-scale ecosystems that effectively integrate production inputs, customer interactions, and product transfers. This integration is crucial for demonstrating commercial viability before scaling up to a larger, mega-scale operation.

This session will explore the challenges in building the essential infrastructure required for hydrogen production, storage, and distribution, as well as integrating hydrogen into existing energy systems. Participants will gain insights into the technical, logistical, and regulatory hurdles that must be overcome to establish a reliable hydrogen backbone.

Strategic Session

Strategic Session 3: Realising the Hydrogen Economy: Strategies for Hydrogen Production, Transportation, and Storage

Thursday, 12 June 2025 | 0900 – 1030 hours | Emerald, Level 3

Speakers:



Subodh Purohit
Dy. General Manager (R&D)
Oil India Limited



Antonio Yoon
Head of Offshore
Proposal, VP
**Samsung Heavy
Industries Co., Ltd**



Ardian Nengkoda
Petroleum Engineer
Saudi Aramco

Session Co-Chairs:



Bharat Abhyankar
Process and HSE
Engineering Leader
Black & Veatch



Lumiel Fritz Manurung
Manager, Business
Development
PT Pertamina Patra Niaga



Nabil Saifuddin
Account Manager – SLB
Digital & Integration
SLB

This strategic session will explore the essential strategies required to transition to a hydrogen-based economy, with a focus on the entire hydrogen value chain—from production to end-user delivery.

Panellist will delve into the foundational elements necessary to develop and optimise hydrogen as a viable and sustainable energy carrier. This session will cover key aspects of hydrogen production, transportation, and storage, highlighting the challenges and opportunities in each area.

By addressing these critical components, this session aims to provide a comprehensive understanding of the infrastructure and strategic initiatives needed to realise the full potential of the hydrogen economy.

Strategic Session

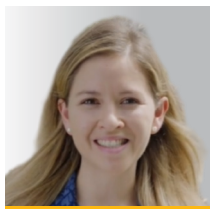
Strategic Session 4: Accelerating Implementation and Market Adoption

Thursday, 12 June 2025 | 1100 – 1230 hours | Emerald, Level 3

Speakers:



Alex Bower
Global Head Marketing
& Sales
Gentari Hydrogen

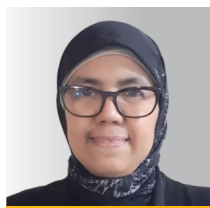


Flor de La Cruz
Principal Consultant for
Hydrogen & Derivatives
Woodmac

Session Co-Chairs:



Tony Zhang
Head, Carbon
Management and
Energy Transition,
Asia Pacific
GaffneyCline



Talhah Tamia Shahab
Div. Head, Technology
Management & Policy
**PT Perusahaan Gas
Negara Tbk**



Yuthana Wanapruksa
Project Manager,
CCU and H2 (BD)
PTTEP

Unlike oil and gas established markets, the market for hydrogen is still nascent. This strategic session will explore the critical strategies and supporting policies needed to overcome both technology and economic barriers to hydrogen adoption, and to create a thriving market, particularly in regions like Indonesia and the Asia-Pacific.

Panellists will focus on the key elements required for successful commercialisation and market creation, including policy support, mandatory scheme, infrastructure development, and investment strategies.

This session will also address the importance of public engagement in fostering a supportive environment for hydrogen adoption. By examining these areas, this session aims to provide a roadmap for accelerating the implementation of hydrogen technologies, ensuring their integration into the broader energy market.

Strategic Session

Strategic Session 5: Integrating Hydrogen Across Sectors

Thursday, 12 June 2025 | 1330 – 1500 hours | Emerald, Level 3

Speakers:



Satiesh Muniandy
Principal Risk Engineer
Draeger



Gaurav Kumar
Executive
**Tata Power Delhi
Distribution Ltd**



Reza Maharajasa Putra Utomo
Senior Engineer II
**PT Pertamina Geothermal
Energy Tbk**



Ibrahim Kolawole Muritala
Global Hydrogen Leader
American Bureau of Shipping (ABS)

Session Co-Chairs:



Pungki Prayuda Ferdian
Senior Analyst III
Strategic Planning
Petrochemical
**PT Kilang Pertamina
International**



Dinda Rizki Lubis
Senior Analyst III
Business Development
PT Pertamina Patra Niaga

This strategic session will explore the vast and rapidly evolving potential of low-carbon hydrogen across various sectors beyond power generation. Hydrogen's versatility as an energy carrier opens significant opportunities for its application in diverse areas such as transportation, industry, and beyond.

Panellists will delve into the strategies and innovations needed to integrate hydrogen effectively across these sectors, highlighting its role in decarbonising hard-to-abate industries and transforming transportation.

This session will also address the challenges and opportunities presented by hydrogen's cross-sectoral integration, providing insights into how this clean energy source can be harnessed to drive a broader energy transition.

Strategic Session

Strategic Session 6: The Global Hydrogen Economy

Thursday, 12 June 2025 | 1530 – 1700 hours | Emerald, Level 3

Speakers:



Dr. Christoph Luerssen
Project Director of the Renewable
Energy for Electrification
Programme Phase 2 (REEP2)
GIZ

Session Co-Chairs:



Yohanes Handoko Aryanto
Senior Expert 1,
Business Trend
PT Pertamina (Persero)



Reymanditya Poerwito
Officer II, Gas Operations
PT Pertamina
International Shipping



Adam Karl
Future Fuels Leader,
ANZ
AECOM

This strategic session will focus on the collaborative efforts required to build a unified hydrogen economy that supports sustainability and economic growth. This session will emphasise the importance of benchmarking against global leaders in hydrogen adoption, drawing on insights from institutions and countries that have successfully integrated hydrogen into their energy systems.

By sharing knowledge and best practices, this session aims to foster cooperation and accelerate the development of a cohesive hydrogen economy. Stakeholders will gain valuable perspectives on how to align efforts, overcome challenges, and harness hydrogen's full potential as a key driver of the energy transition.

Technical Session

Technical Session 1: Innovation for Breakthroughs

Thursday, 12 June 2025 | 0900 – 1030 hours | Sapphire, Level 3

Speakers:



Dr. Hassan S Alqahtani
Scientist EXPEC Advanced
Research Center
Saudi Aramco



Livingfaith Elijah Offiong
Student
University of Uyo

Session Co-Chairs:



Yusuf Iskandar
Sr Analyst III
Strat Plan Petrochemical
**PT Kilang Pertamina
International**



Fatma Uilly Artha
Sr Expert I
Buss. Development I
**PT Pertamina
(Persero)**



Han Jing
Senior Vice President
Baowu Clean Energy Co., Ltd.

Hydrogen is rapidly emerging as a cornerstone in the global energy transition, offering a clean and versatile energy carrier. However, its widespread adoption depends largely on advancements in production technologies and the integration of hydrogen into current energy systems.

This session will provide an in-depth look at various production methods, including green hydrogen (via electrolysis using renewable energy), blue hydrogen (from natural gas with carbon capture), and other innovative approaches.

This session will explore cutting-edge technologies and methodologies for hydrogen production, focusing on both renewable and non-renewable pathways. It will also discuss how hydrogen can be integrated into existing energy systems and infrastructure, addressing both technical and economic challenges.

Technical Session

Technical Session 2: Hydrogen Storage, Distribution, and Infrastructure

Thursday, 12 June 2025 | 1100 – 1230 hours | Sapphire, Level 3

Speakers:



Aris Hartono
Sr. Expert II, Engineering
Standard and Policy
**PT Perusahaan Gas
Negara Tbk**



Robertus Dhimas
Dhewangga Putra
Assistant Professor,
Department of Mechanical
and Industrial Engineering
Universitas Gadjah Mada



Elizabeth Loi
Senior Bid Manager,
Compression
Siemens Energy

Session Co-Chairs:



Awang Bhaswara
Manager Project Risk,
Risk Management Division
**PT Perusahaan Gas
Negara Tbk**



Ivy Chai
Manager-Hydrogen Technology
Program, Group Research &
Technology (GR&T / PD&T)
PETRONAS Research Sdn. Bhd.

This session delves into the latest advancements and trends in hydrogen storage, distribution, and infrastructure that drives the hydrogen economy forward.

Topics include advanced storage solutions like solid-state and liquid hydrogen, efficient distribution networks, safety protocols, and development of hydrogen refueling stations.

Join industry experts to discuss cutting-edge technologies, policy developments, and strategic initiatives in the most crucial area that bridges hydrogen production with customers and players.

Technical Session

Technical Session 3: Hydrogen Utilisation and Applications

Thursday, 12 June 2025 | 1330 – 1500 hours | Sapphire, Level 3

Speakers:



Adi Prasetyo
Process Engineer
PT Kilang Pertamina Internasional



I Komang Arie Ronny
Wijaya
Manager Engineering
PT Pertamina Power Indonesia



Fanzly Togap Zisochi Lase
System Analyst
PT Pertamina Geothermal Energy Tbk



Nam Wo Lee
Head of Department of
Application
Hyundai Motor Company

Session Co-Chairs:



Nana Lolita
Sr Analyst III
Buss. Development I
PT Pertamina (Persero)



Nazri B Muslim
Head of Hydrogen
Technology Program
Petronas Research Sdn Bhd



W Anas Masyudi
B W Abdullah Sani,
Head Technology Project
Hydrogen Technology Program
PETRONAS Research Sdn Bhd

This session will focus on the transformative potential of hydrogen across various industries, exploring the latest advancements and innovative applications in areas ranging from industrial processes to transportation and power generation.

Participants will gain insights into how hydrogen is being adopted in different sectors to enhance efficiency, reduce emissions, and support decarbonisation efforts.

Experts will present real-world case studies that showcase successful hydrogen utilisation across key industries and will discuss the challenges related to scaling these applications.

Technical Session

Technical Session 4: Hydrogen Regulation, Policy, and Economics

Thursday, 12 June 2025 | 1530 – 1700 hours | Sapphire, Level 3

Speakers:



Ir. Dr. Izat Rahman
Senior Consultant
Decarbonization
DNV Singapore Pte. Ltd.

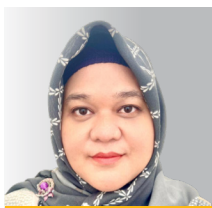


Putriska Razani
Project Engineer
PHE ONWJ



Nusa Saka Pradana
Sr. Analyst II Tax
PT Pertamina (Persero)

Session Co-Chairs:



Farizka Ariesta
Senior Analyst I
Business Development I
PT Pertamina (Persero)



Mark Stone
Executive Director,
Hydrogen and Future Fuels
**Department of Energy and
Climate Change**



Yoshitake Kato
Deputy General Manager
JOGMEC

This session will examine the role of regulatory frameworks, policy initiatives, and economics strategies in advancing the global hydrogen economy.

Experts will discuss the National Policy Mapping of Hydrogen policy in Indonesia, and comparable regional and international hydrogen policies. It will explore how government, industries and financial institutions can collaborate to create a supportive ecosystem for hydrogen development and adoption. In addition, key regulatory challenges such as standards for safety and distribution will be discussed, along with emphasis on the need for harmonised policies across regions to encourage investment and across border cooperation.

Attendees will gain insight into the techno-economic and commercial aspects of hydrogen production and use, including production pathway, derivative product, energy, capital and operating costs, lifecycle carbon intensity, and funding mechanisms. The efficacy of policy setting — including targets, mandates, market and production incentives, and carbon valuation - will also be addressed.

Strategic and Technical Sessions

More than 50 presentations will be presented across a vast variety of topics at the Strategic, and Technical Sessions.

Strategic Sessions include:

- Innovation for Breakthroughs
- Building the Hydrogen Infrastructure & Backbone
- Realising the Hydrogen Economy: Strategies for Hydrogen Production, Transportation, and Storage
- Accelerating Implementation and Market Adoption
- Integrating Hydrogen Across Sectors
- The Global Hydrogen Economy

Technical Sessions include:

- Hydrogen Production and Integration Technologies
- Hydrogen Storage, Distribution, and Infrastructure
- Hydrogen Utilisation and Applications
- Hydrogen Regulation, Policy, and Economics



**ACCESS THE COMPLETE
EVENT PROGRAMME FOR
DAY 1 AND DAY 2**

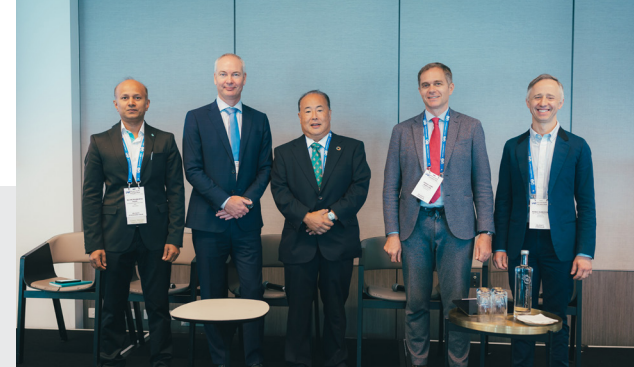
Sponsorship Opportunities

Sponsorship opportunities for the SPE Symposium: Hydrogen and Hydrogen-Based Fuels have been designed to provide exposure and visibility for organisations in the energy industry. **We offer a variety of sponsorship packages to strengthen your brand identity and enhance your organisation's image at the symposium.**

Sponsorship Packages

List of Packages	By 15 April 2025	After 15 April 2025
Principal Sponsor	USD 10,000	USD 11,500
Gold Sponsor	USD 7,000	USD 8,200
Symposium Bags	USD 7,000	USD 8,000
Directional Signage	USD 6,000	USD 6,500
Technology Showcase	USD 5,900	USD 6,200
Digital Symposium Preview and Mobile App	USD 5,500	USD 6,000
Networking Luncheon – Day 1 (23 April)	USD 5,500	USD 6,000
Networking Luncheon – Day 2 (24 April)	USD 5,500	USD 6,000
Silver Sponsor	USD 5,000	USD 5,500
Symposium Water Bottles	USD 5,000	USD 5,500
Symposium Caps	USD 4,500	USD 5,000
Symposium Writing Pads and Pens	USD 4,500	USD 5,000
Daily Coffee Breaks	USD 4,000	USD 4,500
Symposium Bag Insertion	USD 3,500	USD 4,000

When your company sponsors an SPE event, it is supporting not only the event but other SPE programmes as well. The Society of Petroleum Engineers is a not-for-profit organisation. Income from events is invested back into the Society to provide even more opportunities for industry professionals to enhance their technical and professional competence. Scholarships, certification, the Distinguished Lecturer programme, and SPE's energy education programme Energy4me® are just a few examples of programmes that also benefit from your company's support of events.



SECURE YOUR PACKAGE

Sponsorship items are limited and available on a first-come first-served basis. Secure your package now!

Contact our sales expert today:

Winston Teh

Sales Manager and Team Lead, Asia Pacific

+60 3 2182 3112 or spesales.apac@spe.org

Registration



CLICK HERE TO REGISTER
YOUR SEAT ONLINE

Registration Category and Fee

Category		Fee Per Person		
		Super Early Bird By 17 March	Early Bird by 12 May	Standard after 12 May
Full Symposium	Member	USD 700	USD 750	USD 800
	Non-Member	USD 800	USD 850	USD 950
	Speaker / Author / Committee / Session Chair	USD 600		USD 650
Group Registration - Register 4, Pay for 3 (Lowest Priced Registration Complimentary)				
Student (With valid student ID)		Complimentary		

What Do You Get?

Access/Entitlements	Full Conference	Student
Opening and Keynote Sessions	✓	✓
Executive Plenary Session	✓	✓
Panel Sessions	✓	✓
Technical Sessions	✓	✓
Knowledge Sharing ePoster Sessions	✓	✓
Exhibit Showcase	✓	✓
Daily Networking Luncheons	✓	
Daily Coffee Breaks	✓	
Welcome Reception (if any)	✓	

Registration Enquiries

spekl@spe.org

General Information

Venue

Sheraton Grand Jakarta Gandaria City Hotel

Jl. Sultan Iskandar Muda, Kebayoran
Jakarta, Jakarta, Indonesia 12240
Indonesia

Tel: +62 21-80630888

Website: <https://www.marriott.com/en-us/hotels/jktgs-sheraton-grand-jakarta-gandaria-city-hotel/overview/>

Airport

Visitors arrive in Jakarta, Indonesia at the Soekarno-Hatta International Airport, it's approximately 40 minutes by car from Sheraton Gandaria Jakarta City Hotel, Jakarta. Event attendees may arrange for ground transfers with their selected hotels or secure a taxi at the arrival hall.

Badge Collection

Event badges can be collected during the event at the venue. Badges are required for admission into the event and must be worn at all times during event days.

Photography and Audio Visual Copyright

All symposium sessions and the exhibition/technical showcase are protected by international copyright laws.

Photography and video/audio recording of any kind in symposium sessions and the exhibition are prohibited without prior written permission by SPE.

The Society of Petroleum Engineers (SPE) is a not-for-profit organisation. Income from this event will be invested back into SPE to support many other Society programmes. When you attend, sponsor, or exhibit at an SPE event, you help provide even more opportunities for industry professionals to enhance their technical and professional competence. Scholarships, certification, the Distinguished Lecturer programme, and SPE's energy education programme Energy4me® are just a few examples of programmes supported by SPE.

Accommodation

The following hotel is within proximity of the event. All accommodation and hotel bookings are to be made directly with the hotel.

Sheraton Grand Jakarta Gandaria City Hotel

Jl. Sultan Iskandar Muda, Kebayoran, Jakarta, Jakarta, Indonesia 12240, Indonesia

Tel: +62 21-80630888

Website: <https://www.marriott.com/en-us/hotels/jktgs-sheraton-grand-jakarta-gandaria-city-hotel/overview/>

Online Booking: [Click here](#)

Booking Deadline: 1 September 2024

Visa

Event attendees travelling to Jakarta, Indonesia must be in possession of passports valid for a least six (6) months with proof of onward passage out of the country. Visa requirements depend on the country of origin. Please check with your travel agent, or the Indonesia Embassies, High Commissions or Consulates on regulations relating to immigration/visa before your departure.

An invitation letter to facilitate the application of visa will be issued to registered attendees if required. Download Invitation Letter Request Form [here](#). Please send the request to Faezah Saaban at email fsaaban@spe.org.

Please note that it is the sole responsibility of the attendee to obtain the necessary supporting document(s) for entry into Jakarta, Indonesia. The invitation letter does not guarantee that you will be granted a visa.

CONTACT US

Society of Petroleum Engineers (SPE)

Suite 12.01, Level 12, Menara IGB
Mid Valley City, Lingkaran Syed Putra
59200 Kuala Lumpur, Malaysia
+603 2182 3000
spekl@spe.org

Visit go.spe.org/26SA01 for more information about SPE Symposium: Hydrogen and Hydrogen-Based Fuels.



Society of Petroleum Engineers

Suite 12.01, Level 12, Menara IGB
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