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Congratulations to all parties involved in organising this inaugural event, the first of its kind in Sarawak, Malaysia, and the Asia Pacific region.

The Right Honourable
Datuk Patinggi Tan Sri (Dr) Abang Haji Abdul Rahman Zohari
Bin Tun Datuk Abang Haji Openg
Premier of Sarawak

ASIA PACIFIC'S FIRST EVER EVENT DEDICATED TO GREEN HYDROGEN

The inaugural **Asia Pacific Green Hydrogen Conference & Exhibition (APGH)** 2024, backed by the Ministry of Energy and Environmental Sustainability Sarawak (MEESty), proudly welcomed global attendees to the Borneo Convention Centre Kuching on 10-12 June, marking a significant milestone in green hydrogen innovation and collaboration.

Across the three bustling days, attendees experienced the first-ever green hydrogen dedicated conference and exhibition in the Asia Pacific. Highlights included a keynote address by the Premier of Sarawak, a special address by the Deputy Prime Minister of Malaysia, three days of high-level conferences, VIP booth visits, insightful Tech Talk sessions, technical visits, and B2B networking opportunities. The Asia Pacific Green Hydrogen Conference & Exhibition (APGH) 2024 showcased cutting-edge advancements and fostered significant industry connections, setting a new standard for green hydrogen events.















#APGH2024 IN NUMBERS:



3233 trade visitors from **28** nations



611Conference Delegates



72 distinguished speakers and presenters



Total exhibition floorspace of **2400** square meters



96 participating companiesfrom 19 nations



More than **RM6 Dillion**Memoranda of Understanding
(MoU) signed





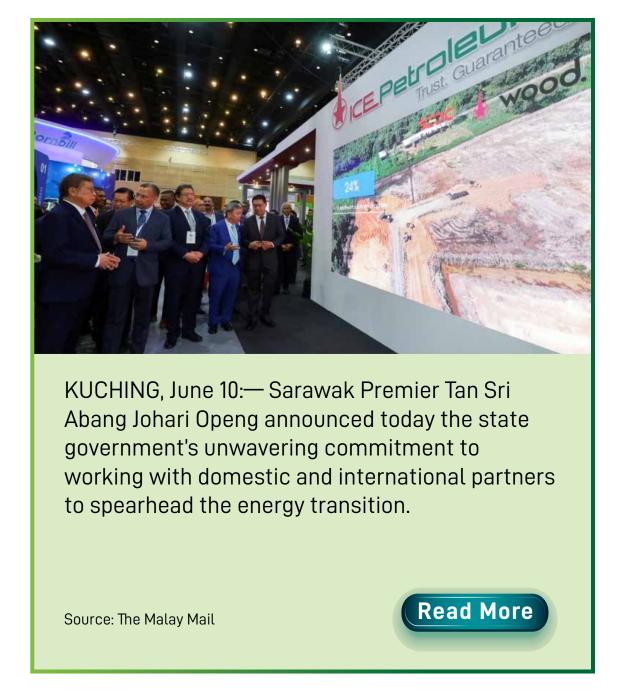


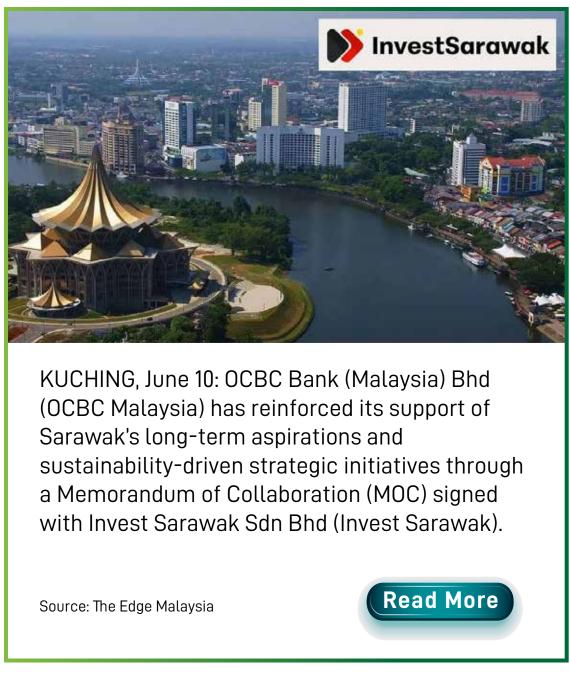
My sincere congratulations to the Ministry of Energy and Environmental Sustainability Sarawak (MEESty), Borneo Business Connect, and Business Events Sarawak for their outstanding efforts in orchestrating this pioneering event.

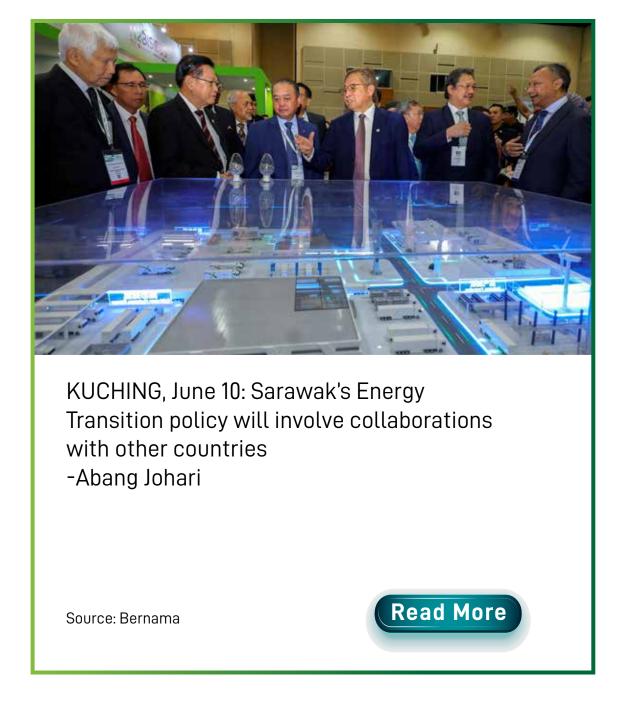
The Right Honourable Dato' Sri Haji Fadillah Bin Haji Yusof

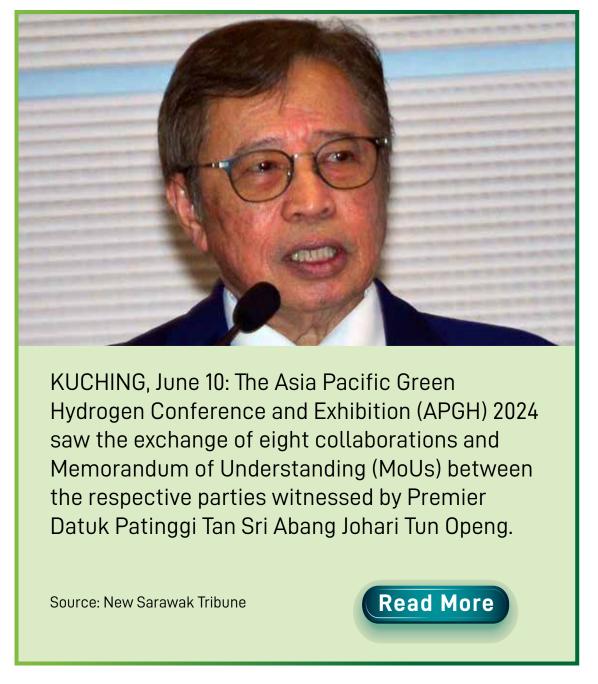
Deputy Prime Minister And Minister Of Energy Transition And Water Transformation (PETRA)

ASIA PACIFIC GREEN HYDROGEN CONFERENCE & EXHIBITION (APGH) 2024 IN THE NEWS















The APGH2024 has been a resounding success and has set the stage for Sarawak to continue its green hydrogen journey.

The Honourable Datuk Dr. Haji Hazland Bin Abang Hipni

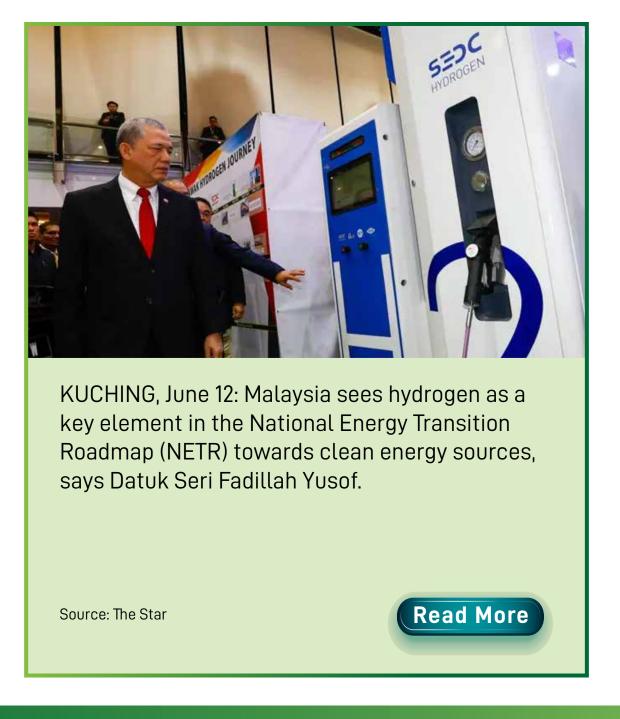
Deputy Minister for Energy and Environmental Sustainability Sarawak

ASIA PACIFIC GREEN HYDROGEN CONFERENCE & EXHIBITION (APGH) 2024 IN THE NEWS

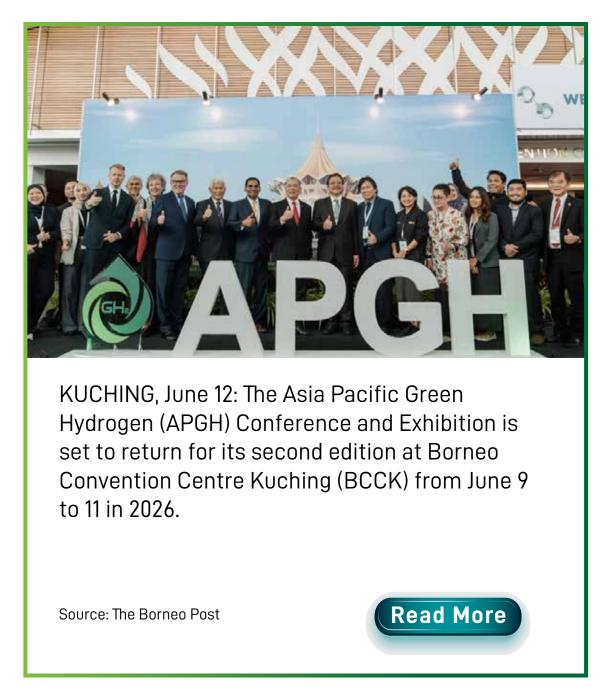


Source: The Borneo Post

Read More







HIGHLIGHTS OF APGH 2024



OFFICIAL LAUNCH CEREMONY

The Asia Pacific Green Hydrogen Conference & Exhibition (APGH) 2024 commenced with a spectacular opening ceremony on June 10th, 2024. The event was graced by The Right Honourable Datuk Patinggi Tan Sri (Dr.) Abang Haji Abdul Rahman Zohari bin Tun Datuk Abang Haji Openg, Premier of Sarawak. This momentous occasion attracted local and international delegations, marking a significant step forward in advancing the green hydrogen economy in Sarawak, Malaysia, and the Asia Pacific region.









MOU ANNOUNCEMENTS / EXCHANGE OF DOCUMENTS

APGH 2024 achieved a monumental milestone with over RM6 billion in MoUs announced. These agreements promote collaboration across the green hydrogen sector, driving innovation towards a sustainable energy future for Sarawak, Malaysia, and the Asia Pacific region.







of Document

3 DAYS OF HIGH LEVEL CONFERENCE

From June 10th to 12th, APGH 2024 brought together industry leaders, policymakers, and experts for high-level conferences and extensive networking opportunities. The event aimed to advance sustainable energy initiatives and foster international collaborations.







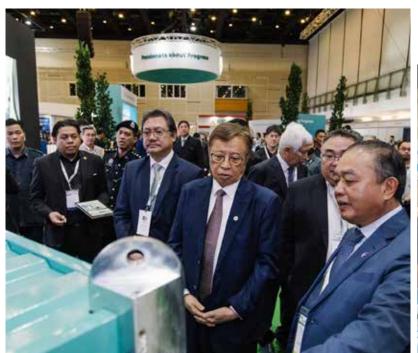


HIGHLIGHTS OF APGH 2024



VIP EXHIBITION TOURS

We were honoured to host distinguished VIPs, including the Premier of Sarawak, Deputy Premier of Sarawak and Deputy Prime Minister of Malaysia, at APGH 2024. They participated in exclusive exhibition tours, underscoring the importance of advancing green hydrogen and sustainable energy solutions showcased by industry leaders and innovators.









INSIGHTFUL TECH TALKS

During APGH 2024, we hosted 18 insightful tech talk sessions over three days in the exhibition hall. These sessions featured industry leaders and experts discussing cutting-edge topics in green hydrogen and sustainable energy solutions.





WELCOMING GALA DINNER

The Welcoming Gala Dinner provided a delightful evening for exhibitors, delegates, and distinguished guests. Graced by The Honourable Dr. Hazland Abang Hipni, the dinner fostered camaraderie and celebrated the spirit of collaboration in advancing the green hydrogen sector.







HIGHLIGHTS OF APGH 2024



CLOSING CEREMONY

The closing ceremony of APGH 2024 on June 12th was a significant moment, graced by the Deputy Prime Minister of Malaysia. His presence underscored the event's importance in advancing green hydrogen and transitional energy initiatives. It marked a pivotal moment of reflection and commitment from the federal government towards a more sustainable future for Malaysia and beyond.









THANK YOU RECEPTION

The Thank You Reception was a highlight, where The Honourable Dr. Hazland Abang Hipni, Deputy Minister for Energy and Environmental Sustainability, announced APGH 2026. This event celebrated the achievements of APGH 2024 and set the stage for the next edition.









TECHNICAL VISITS

APGH 2024 participants enjoyed two insightful tours: the PETROS Multifuel Station and Kuching ART Assembly Facility, hosted by Sarawak Metro Sdn Bhd, and the Algae Cultivation Facility by the Sarawak Biodiversity Centre. These tours highlighted Sarawak's sustainability initiatives and the importance of collaboration in the green hydrogen sector.









APGH 2024 FEATURED 96 PARTICIPATING COMPANIES FROM 19 COUNTRIES



APGH 2024 brought together a remarkable array of **96 participating companies from 19 nations**, showcasing the global commitment to advancing green hydrogen technology. These companies, representing various sectors of the industry, demonstrated cutting-edge innovations and solutions. Their diverse backgrounds and expertise enriched the conference, fostering international collaboration and knowledge exchange. The event highlighted the growing global momentum towards sustainable energy, with participants driving forward the green hydrogen agenda through shared insights and pioneering technologies.

9

ASIA PACIFIC GREEN HYDROGEN CONFERENCE & EXHIBITION (APGH) 2024 PARTICIPATING COMPANIES

COMPANY NAME

ABB | Adelan | ASEAN Centre for Energy (ACE) | Asia Energy Advanced Sdn Bhd | Asia-Pacific Net-Zero Institute | Atlas Copco Bain & Company | BESarawak | Business Sweden | Centre for Technology Excellence Sarawak Sdn Bhd (CENTEXS) Climate Bonds Initiative | Daya Helang Sdn Bhd | DNV | DOM Engineering | Economic Planning Unit Sarawak | ENEOS Corporation Energy Business Review | Foshan Feichi Motor Technology Co., Ltd. | Gentari Hydrogen | German Embassy Kuala Lumpur | GIZ Thailand H2 Energy Sdn Bhd | H2biscus Project: Samsung E&A x Lotte Chemical | H2ornbill Project: Sumitomo x ENEOS Hijau Media Group (Greenplus Asia Magazine) | Hycee Pte Ltd | HYCO1, Inc | Hydrexia Holding Limited (Hydrexia) Hydrogen and Fuel Cell Association of Singapore | Hyundai Engineering Co Ltd | ICE Petroleum | ICE Wood | InvestChile | InvestSarawak Japan Consortium | Jiangsu Guofu Hydrogen Energy Equipment Co., Ltd. | Kawasaki Gas Turbine Asia Sdn Bhd | Kemuncak Lanai Sdn Bhd KIS Group | Korea National Oil Company | Korean Consortium | KOSO Kent Introl Ltd. | KTS Trading Sdn Bhd Kuala Lumpur Valve & Fitting (M) Sdn Bhd | Lotte Chemical | Malaysia Green Technology and Climate Change Corporation (MGTC) Malaysian Rating Corporation Berhad (MARC) | Maps & Globe Specialist Distributor Sdn Bhd Ministry for International Trade, Industry and Investment Sarawak | Ministry of Education, Innovation and Talent Development (MEITD) Sarawak Ministry of Energy and Environmental Sustainability Sarawak (MEESty) | Ministry of Energy Transition & Water Transformation (PETRA) Ministry of Industrial Development and Entrepreneurship Sabah | Ministry of Science, Technology and Innovation Malaysia (MOSTI) Mubadala Energy | Mudrock Media Sdn Bhd | NGL Tech Sdn Bhd | Nikkiso Clean Energy & Industrial Gases (SEA) Sdn Bhd OCBC Bank (Malaysia) Berhad ("OCBC") | PDC Machines LLC | Peri Formwork Malaysia Sdn Bhd | PERIC Petroliam Nasional Berhad (PETRONAS) | Petros | PJ Energy Services (M) Sdn Bhd | Proseeska Corporation (M) Sdn Bhd PTT Public Company Limited | R.STAHL | Red Wing Shoes Malaysia | Regional Corridor Development Authority (RECODA) Revon Media Sdn Bhd | Roland Berger | Rystad Energy | S&P Global Platts | Samsung Engineering | Sarawak Business Federation (SBF)

Sarawak Metro | Securities Commission Malaysia | SEDC Energy | Sime Darby Energy Solutions Sdn Bhd | Sinergi Kenyalang Sdn Bhd Solarvest |

Sarawak Corridor of Renewal Energy (SCORE) | Sarawak Economic Development Corporation | Sarawak Energy Berhad

Sumitomo Corporation | Swagelok | Swinburne Sarawak | TGM Global Pte Ltd | ThyssenKrupp-Nucera | Topsoe Sdn Bhd

Toyota Motor Corporation | UMW Industrial Power Services Sdn Bhd | Unit Concept (Sarawak) Sdn Bhd | VINSSEN | VIRNECT







ASIA PACIFIC GREEN HYDROGEN CONFERENCE & EXHIBITION (APGH) 2024 SPEAKERS





The Right Honourable
Datuk Patinggi Tan Sri (Dr) Abang
Haji Abdul Rahman Zohari
Bin Tun Datuk Abang Haji Openg

Premier of Sarawak



The Right Honourable
Dato' Sri Haji Fadillah
Bin Haji Yusof
Deputy Prime Minister of Malaysia &
Minister of Energy Transition &
Water Transformation Malaysia



The Honourable
Datuk Dr Haji Hazland
Bin Abang Hipni
Deputy Minister for Energy and Environmental
Sustainability Sarawak



The Honourable
Tuan Chang Li Kang
Minister of Science
Technology and Innovation Malaysia
(MOSTI)



Keith Tan
Deputy Secretary
(Energy and Carbon),
Ministry of Trade and Industry



YBhg. Datuk Ts. Dr. Mohd
Nor Azman Hassan
Deputy Secretary General
(Technology Department),
Ministry of Science,
Technology and Innovation
Malaysia (MOSTI)



The Honourable

Datu Haji Azmi Bin Bujang

Permanent Secretary, Ministry of
Education, Innovation and Talent
Development (MEITD) Sarawak Former
Permanent Secretary



YBhg. Tan Sri Datuk Amar (Dr) Haji Abdul Aziz Bin Dato Haji Husain Chairman, Sarawak Economic Development Corporation (SEDC)



Tan Sri Asmat Kamaludin Chairman, Borneo Business Connect Sdn Bhd



Datuk (Dr.) M Gandhi
Director, Borneo Business
Connect Sdn Bhd



Yoshinari HikiDeputy General Manager, Hydrogen
Business Department, ENEOS



Stanley Seo
Vice President, Hydrogen Energy
Business Group/
Lotte Chemical Co.



Ir. Dr. Angelia
Liew San Chuin
Advisor (Climate Change and Sustainable
Development), Economic Planning Unit Sarawak,
Department of the Premier of Sarawak



Timothy Ong Chief Executive Officer, InvestSarawak



Dr. Nuki Agya Utama
Executive Director,
ASEAN Centre for Energy (ACE)



Salmah Mydin
Executive Director,
Securities Commission Malaysia



Pras Ganesh Executive Vice President, Toyota Motor Asia



Kazuyuki Miyata
General Manager Sumitomo Kuching
Branch Hydrogen Department, Energy
Transformation Business Unit, Sumitomo
Corporation Malaysia Sdn Bhd



Steve KimManaging Director, Head, Project &
Structured Finance, OCBC Bank



Marcoen Stoop
Director of Business Development,
NEL Hydrogen



Wong Chi Xiang, CFA
Senior Market Analyst & ASEAN
Regional Lead,
Climate Bonds Initiative





Dr. Robert JuddTechnical Director Hydrogen and Low Carbon Fuels APAC, DNV



Hiroo Inoue
Director General, Energy Efficiency and
Renewable Energy Department,
Ministry of Economy, Trade and Industry
(METI)



Kim Jae Hong Chairman of H2Korea



Dieter BillenPartner,
Roland Berger



Peter Cockroft
Director,
Asia - Pacific Net- Zero Institute Pte Ltd



Dr. Christian ZankiewiczCounsellor for Economic Affairs,
German Embassy in Malaysia



Eugene Toh
Assistant Chief Executive and
Chief Commercial Officer, Energy
Market Authority (EMA)



Prof. Christoph Menke
Professor/Senior Energy Advisor,
University of Applied Sciences Trier,
Germany



Tan Ai Chin
Senior Banker, Managing Director &
Head, Investment Banking,
OCBC Bank (M) Berhad



Vicente Pinto
Counsellor for Investment
Affairs - Asia, InvestChile



Robert Hardin Chief Executive Officer, SEDC Energy Sdn Bhd



YBhg. Datuk Haji Sharbini Suhaili Group Chief Executive Officer, Sarawak Energy Berhad



Dexter WangDirector of Strategy,
Benchmarks at S&P Global Platts



Ringo LimHead of Business Development for Sarawak,
Hydrogen, Gentari



Vijay Krishnan
Partner & Managing Director Asia Pacific,
Rystad Energy
Ir. Arul Jothy
Director & Principal Consultant,
NGL Tech Sdn Bhd



Jothy
al Consultant, Hydrogen Energy Leader,
Bun Bhd Bureau Veritas (M)



Julian Critchlow
Advisory Partner, Bain & Company



Ts. Mazli Mustaffa

Chief Executive Officer,

Sarawak Metro Sdn Bhd

Dr Hacib BEN AISSAProduct Development Manager,
Lynas Rare Earths



Mr. K. R. Raghunath
Founder & CEO, Knowledge Integration Services
(Singapore) Pvt Ltd



Adlan Ahmad
Head of Global Business Development,
Gentari Hydrogen



Cheonhong Park

Executive Vice President, Head of Sustainable
Solutions Division / Samsung E & A



Dr Michaela KendallChief Executive Officer, Adelan Limited



Datuk Philip TingDeputy President,
Sarawak Business Federation (SBF)



Dr Nuttapong
Hariwongsanupab
Deputy Lead of Hydrogen Business
Development Project,
PTT Public Company Limited



Abdul Jalil Maraicar
Group Managing Director /
Investor / Board Member,
ICE Petroleum Group



Songhyun BaikHead of Consulting Division 3/Partner,
KEI Consulting



Ir. Prof. Sim Kwan YongDeputy Pro Vice-Chancellor Academic,
Swinburne University of Technology Sarawak Campus



Prof. Dr. Aishah Abdul JalilDirector of Centre of Hydrogen Energy,
Universiti Teknologi Malaysia (UTM)



Katherine Jernigan
Unit Chief for Energy, Environment, Science, Technology
and Health, US Embassy Kuala Lumpur



Rod MacDonald
Director, Asia - Pacific
Net-Zero Institute Pte Ltd



Dr. Pramote PuengjindaSenior Advisor,
GIZ Thailand



APGH 2024 CONFERENCE AT A GLANCE

The Asia Pacific Green Hydrogen Conference & Exhibition (APGH) 2024, held from June 10th to 12th, was a landmark event for the green hydrogen industry. Over three dynamic days, the conference featured high-level discussions, expert panels, and extensive networking sessions. Industry leaders and policymakers from around the globe gathered to share insights and strategies, fostering innovation and collaboration in sustainable energy.

I have participated in a lot(!) of conferences over the years. This was one of the best events that I have been involved with - world-class organization, with active participation from the audience, the impressive standard of presenters and content, as well as fantastic "top-down" political and government support.

Peter Cockcroft

Director

Asia-Pacific Net-ZeroInstitute Pte Ltd















Sarawak: The Ideal Location for Green Hydrogen

Sarawak stands out as the ideal location for green hydrogen production due to its abundant renewable energy resources, notably hydroelectric power. Sarawak's extensive river systems provide a reliable and sustainable source of hydroelectricity, crucial for powering electrolysis processes essential in green hydrogen production. Additionally, Sarawak's strategic geographic location facilitates easy access to major Asian markets, enhancing its potential as a regional green hydrogen hub.

Cooperation Beyond National and Regional Boundaries

The advancement of green hydrogen technologies necessitates unprecedented cooperation beyond national and regional boundaries. Collaborative efforts in research, development, and deployment of green hydrogen solutions can accelerate technological advancements, reduce costs, and promote standardisation. International partnerships can also ensure a steady and diversified supply chain, critical for the large-scale adoption of green hydrogen.

Current Government Policy and Regulation in the Asia Pacific Region

Governments across the Asia Pacific region are increasingly recognising the importance of green hydrogen in achieving their decarbonisation goals. Policies and regulations are being crafted, especially in Sarawak, to support green hydrogen initiatives, including subsidies, tax incentives, and grants for research and infrastructure development. Countries like Japan, South Korea, and Australia are at the forefront, implementing comprehensive strategies to promote green hydrogen as a key component of their energy transition plans.



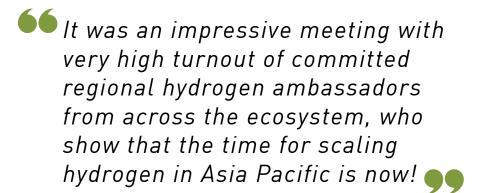












Prasanna Ganesh

Executive Vice President Toyota Motor Asia







Industries Benefiting from Green Hydrogen

Several industries stand to benefit from green hydrogen, including transportation, power generation, and heavy industries such as steel and cement production. Green hydrogen can serve as a clean alternative to fossil fuels, significantly reducing carbon emissions. The transportation sector, particularly in heavy-duty vehicles and shipping, can leverage green hydrogen for sustainable mobility solutions.

Cost and Capacity Challenges and Conundrums

Despite its potential, the green hydrogen sector faces significant cost and capacity challenges. High production costs, largely due to the energy-intensive electrolysis process, remain a barrier. Additionally, scaling up production capacity to meet growing demand requires substantial investment in infrastructure and technology. Addressing these challenges is critical for the widespread adoption of green hydrogen.

Certification and Standardisation

Establishing certification and standardisation frameworks is essential for ensuring the quality and sustainability of green hydrogen, especially in its infancy stage in Sarawak. Standardised certifications can facilitate international trade, build consumer trust, and promote market growth. Harmonising standards across countries can also streamline regulatory processes and reduce barriers to market entry.

The Role of the Private Sector

The private sector plays a pivotal role in the green hydrogen economy by driving innovation, investment, and commercialisation of technologies. Private enterprises are crucial in scaling up production, developing new applications, and creating market demand for green hydrogen. Public-private partnerships can further enhance the effectiveness of green hydrogen projects, leveraging the strengths of both sectors.

APGH 2024 showcased the growing interest and investment in Sarawak's green hydrogen sector, with over RM6 billion in Memorandum of Understanding (MoU) and Memorandum of Collaboration (MoC) announced. Key partnerships include:

- Financial Services: OCBC Bank Malaysia Berhad and InvestSarawak
- Energy Development: ICE Petroleum and SEDC Energy, SEDC Energy and ACWA Power, SEDC Energy and Gentari
- Technology and Innovation: Planet QEOS, KIS Group Malaysia, and SALCRA, UNIMAS and H2Energy Sdn Bhd
- Infrastructure and Services: Brooke Holdings Sdn Bhd and SLB, Sarawak Economic Development Corporation and Sumitomo Mitsui Banking Corporation Malaysia

These collaborations highlight the strong commitment of the private sector to support Sarawak's green hydrogen ambitions.

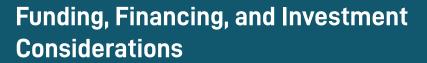












Significant funding and financing are required to develop green hydrogen infrastructure and technology.

Governments, financial institutions, and private investors must collaborate to provide the necessary capital.

Innovative financing models, including green bonds and public-private partnerships, can mobilize resources for green hydrogen projects, driving the sector's growth.

Financial institutions in Malaysia are increasingly recognising the green hydrogen industry's potential and are responding by developing a diverse range of financing options to support its growth.

Financial institutions in Malaysia are increasingly recognising the green hydrogen industry's potential and are responding by developing a diverse range of financing options to support its growth. APGH 2024 witnessed a monumental achievement with over RM6 billion in Memorandum of Collaboration (MoC) / Memorandum of Understanding (MoU) announced. One of which includes and MoC between OCBC Bank Malaysia Berhad and InvestSarawak which highlights the commitment of OCBC Group to support the overall economic development of Sarawak through a funding allocation of up to RM5 billion. This substantial funding allocation is to facilitate infrastructure development, renewable energy and technological advancement that will be focused on promoting sustainability and advancing strategic initiatives of Sarawak.







I'm really surprised how many exhibitors are here for the first green hydrogen show and I'm even more astonished that this large conference room is more than packed. I think sometimes more than 1,000 people are there learning about green hydrogen, and this is fantastic how the organiser got all these people together, make them interested and it seems so.

Professor Christoph Menke

Professor/ Senior Energy Advisor
University of Applied Sciences Trier, Germany

Infrastructure Development

Robust infrastructure development is crucial for the green hydrogen economy. This includes the establishment of production facilities, storage systems, and distribution networks. Investing in infrastructure ensures the efficient and reliable supply of green hydrogen, supporting its integration into various sectors and enhancing its market viability.

Training, Development, and Upskilling

The transition to a green hydrogen economy necessitates a skilled workforce. Training, development, and upskilling programmes are vital to equip individuals with the necessary expertise in green hydrogen technologies. Educational institutions, industry, and governments must collaborate to create comprehensive training programmes that address the sector's needs.

The Future of Green Hydrogen in Southeast Asia Region

The future of green hydrogen in Southeast Asia is promising, with numerous opportunities for growth and development. The region's abundant renewable energy resources, coupled with supportive government policies and increasing private sector participation, position it as a potential leader in green hydrogen production and utilisation. Continued investment in technology, infrastructure, and workforce development will be crucial in realising this potential and driving the region's transition to a sustainable energy future.



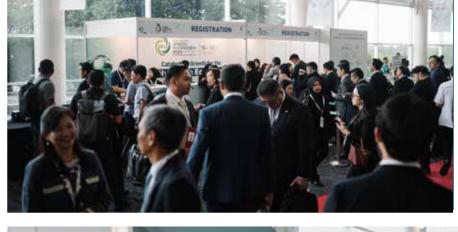
APGH 2024 GALLERY





















We are happy to take part in this exhibition and it is well organised and it is perfectly done and we look forward for the next edition in 2026.

Ivan Head of Segment, Industrial Peri Formwork



APGH 2024 GALLERY





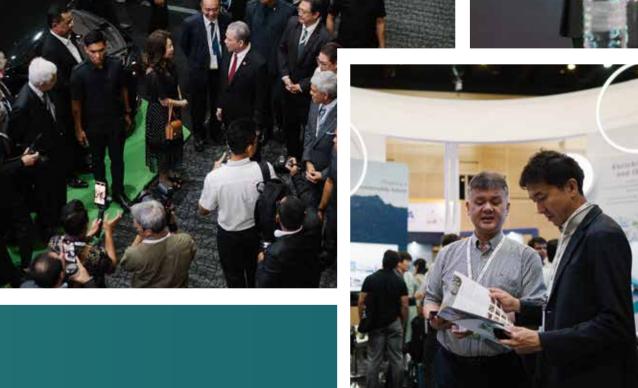










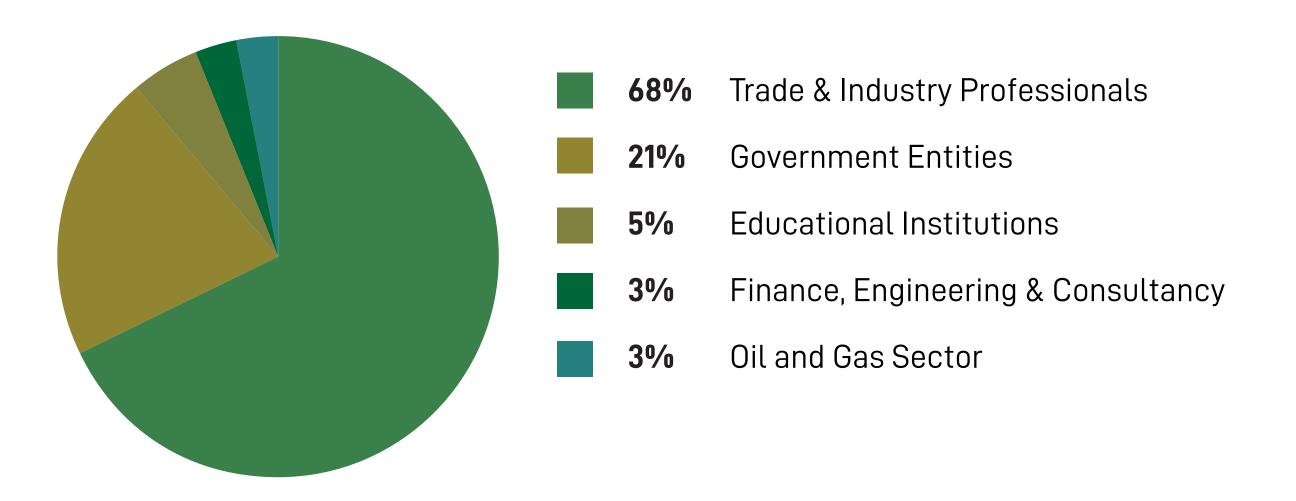




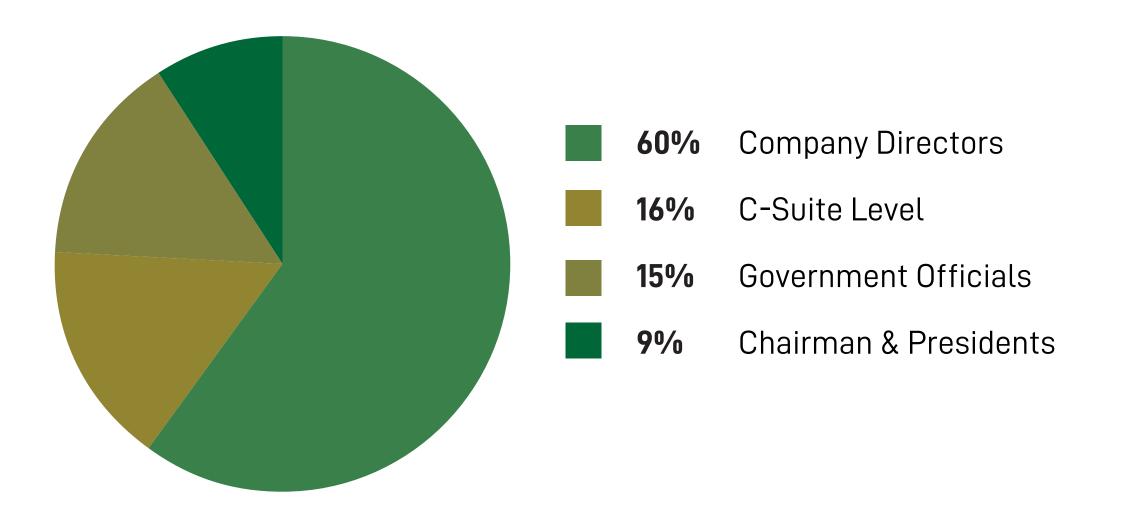
It was a great opportunity for us to demonstrate how we are developing this project. Additionally, we had many chances to have conversations with local companies, such as those involved in operation and maintenance.

Yasuda Shohei Project Manager, Eneos Corporation

ATTENDEE INDUSTRY BREAKDOWN



JOB TITLES THAT PARTICIPATED





WHAT OUR PARTICIPANTS SAY?



of conference delegates rated the knowledge and skills gained exceeding or meeting their expectations





of conference delegates were very satisfied or satisfied with this business event



of exhibitors rated the quality of engagement that they received good or excellent



For the last two years from anywhere from Houston to Rotterdam to Middle East to here, I'm very proud actually to see how this is set up in such a way, very much collaboratively, you can see all the big players around here.

Colin Patrick
CEO
Lestari H2GaaS Sdn Bhd

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9>11 JUNE 2026

BORNEO CONVENTION CENTRE KUCHING, SARAWAK

SEE YOU AT APGH 2026

Empowering the Future with Green Hydrogen: Innovation, Collaboration, Sustainability

