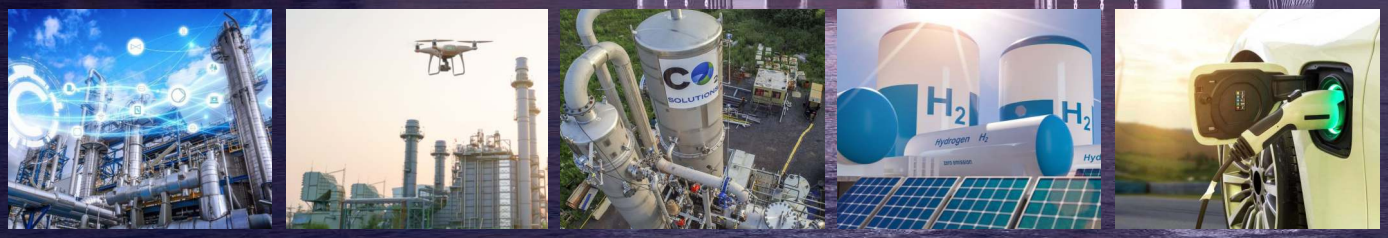
11th SOGCE'24

JUNE 27 & 28

SABAH OIL, GAS & ENERGY CONFERENCE & EXHIBITION

Accelerating & Humanising Energy Transition and Digital Transformation in the Oil, Gas & Energy Industry



Sabah's only Oil, Gas & Energy Conference and Exhibition

CONFERENCE PROGRAMME

Sabah International Convention Centre (SICC),
Kota Kinabalu, Sabah, Malaysia

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ABOUT SOGCE

SOGCE is the only oil, gas & energy conference and exhibition in Sabah.

SOGCE is the one-stop centre industry platform for oil, gas & energy professionals, technologists, experts in the industry & policy makers to meet, to network and to discuss pivotal industry issues to help grow and explore opportunities in the Sabah oil, gas & energy industries. SOGCE also provides the platform for exhibitors to promote their products & services. SOGCE complements the state government in promoting the oil, gas & energy industry in Sabah. It also spurs collaborations, and partnerships for mutual benefits as well as providing vast opportunities for Sabah local contractors to be involved in the oil, gas & energy industry.

The 11th SOGCE is organised across two days of full day conference, with various interesting topics of paper presentation as well as plenary sessions and a 2-Day exhibition that will showcase latest equipment, technology & solutions to demonstrate competitive advantages and competencies. The exhibition will run concurrently with the conference.

There will also be SOGCE Networking Golf hosted by Midas Events Management (MEM) and organised by the Malaysian Oil, Gas & Energy Services Council (MOGSC).

To add value to SOGCE, there will be a programme for young professionals. Stay tuned for details!

11th SOGCE Theme: *Accelerating & Humanising Energy Transition and Digital Transformation in the Oil, Gas & Energy Industry*

Accelerating Energy Transition

Developing a future-proof energy sector in line with the energy transition trend.

Energy transition refers to a structural shift of energy systems towards cleaner sources of energy. This transition involves a shift from fossil fuel-dominated usage with high carbon emission intensity to a higher rate of RE usage and lower carbon emission intensity. Whilst energy transitions have occurred throughout history, the current energy transition is expected to occur at an accelerated pace. This is driven by rapid technological progress and strong climate change policies. The drive for enhanced environmental sustainability through GHG emissions reduction and green economy initiatives is being spearheaded by multiple stakeholders across governments, businesses and investors.

Energy sector as the main driver for Malaysia's socioeconomic development

The energy sector, which acts as the main driver of growth for the Malaysian economy, and energy-intensive industries contribute 28 per cent of Gross Domestic Product (GDP) and account for 25 per cent of the total workforce. In addition, the energy sector is also a key source of national income with petroleum-related income contributing 31 per cent of fiscal income and energy exports constituting 13 per cent of total export value. The energy sector has strongly contributed to the national socioeconomic impacts, benefiting over 10 million customers with daily access to electricity supply and is a foundational enabler for people mobility through the reliable supply of various transport fuels. Jobs and business opportunities created in the energy sector as well as economic multipliers in energy-related supply chains have also contributed significantly to the quality of life and positive socioeconomic effects for the rakyat. (National Energy Policy, Malaysia (DTN))

National Energy Transition Roadmap (NETR)

"Energising the Nation, Powering Our Future"

"Energy transition refers to the shift from an energy system dominated by the use of fossil fuels with high carbon emissions intensity towards a system based on clean and renewable energy sources. The energy transition process is unfolding at a swift pace due to rapid technological developments and the increasing awareness of global net-zero emissions target." (NETR)

The Case for Change

"Growth in the energy sector drives development in various adjacent industries, creating spin-offs through employment, capital inflows and investments, as well as supporting the energy service companies ecosystem." (NETR)

"The energy sector has long driven Malaysia's development and growth. Yet emissions have also increased in tandem with the country's economic growth, necessitating an urgent need to transition towards a low carbon economy. This will involve meeting the country's climate commitment to cut 45% carbon intensity against GDP by 2030 compared to the 2005 baseline." (NETR)

In 2022, the European Union (EU) introduced the Carbon Border Adjustment Mechanism (CBAM), aimed at preventing carbon leakage. The current scope of CBAM covers industries that are important to Malaysia, such as iron, steel, aluminium, fertiliser, electricity and hydrogen. It is estimated that 57% of Malaysia's total exports will be affected by the implementation of CBAM." (NETR)

"Effective energy transition management requires a whole-of-nation approach involving the federal governments, state governments, industry and general public, as well as the international community. This will coherence of policy planning and implementation in balancing the energy trilemma of security, affordability and environmental sustainability." (NETR)

"The National Energy Policy, 2022 – 2040 (DTN) lays the groundwork for a transformation in the energy landscape. It defines the energy transition as a structural shift in energy systems, characterised by a transition towards cleaner sources of energy, increased use of RE, and a significant reduction in carbon emissions. The energy transition is expected to occur at an accelerated pace, driven by rapid technological advances and robust climate change policies." (NETR)

Digital Transformation in the Oil, Gas and Energy Industry

Digital transformation has become critical for organisations to stay competitive, relevant, and succeed in today's rapidly changing and technology-driven world. Digital transformation in the oil, gas and energy industry refers to the process of using digital technologies to improve operations and business performance. The goal of digital transformation is to help oil, gas and energy companies become more agile, efficient, and competitive in a rapidly changing market.

Digital transformation in the oil and gas sector has the potential to deliver annual cost savings of at least $130 billion from 2023 to 2030, based on overall capital and operational expenditures, according to an analytics report by Rystad Energy (March 2023).

There are many different components of digital transformation, but some common examples include the use of data analytics to optimize production, the use of drones and robots for exploration and maintenance, and the use of virtual reality for training and simulations. Signifcant cost reduction can be attained through the implementation of data analytics, artifcial intelligence (AI), machine learning, the Internet of Things (IoT), and digital twins.

Capitalising Emerging Technologies: Oil & Gas (DTN):

"The oil and gas sector continues to face unique challenges, which requires technology analytics, development, adoption and commercialisation to optimise the lifespan of indigenous oil and gas resources". These technologies include:

1. Technology for deepwater and ultra-deepwater fields;
2. Technology to ensure economical and environmentally sustainable production in sour gas fields; and
3. Enhanced oil recovery technology for mature fields

"In addition, efforts to develop advanced technology and enhance technology adoption in growing demand areas such as sustainable exploration and production will be key, which can be leveraged to build regional leadership in the sector. Technologies to drive efficiency in operations will be enhanced such as the digitalisation adoption across the oil and gas value chain. These include the use of data analytics; artificial intelligence (AI) and machine learning (ML); integrated carbon capture, utilisation and storage (CCUS) facilities; as well as harnessing the potential of internet of things (IoT) to enhance value creation and cost-competitiveness of domestic oil and gas production". (DTN)

Digital technology can play a key role in helping to accelerate the energy transition.

"The modern world generates huge quantities of data and, if subjected to the right analysis, this can deliver crucial insights into business processes, technological development and societal needs. Meeting commitments on carbon neutrality while addressing the rising global demand for energy requires new technologies, new business models and improved collaboration".

"An analysis by Accenture, in collaboration with the World Economic Forum, states that "digital technologies, if scaled across industries, could deliver up to 20% of the 2050 reduction needed to hit the International Energy Agency net-zero trajectories in the energy, materials and mobility industries."

Source: www.weforum.org – "Power of digitalization: How better use of data is helping drive the energy transition" (Jan 10 2023)

Visit our website at
www.sabahoilandgas.com.my
for more information about SOGCE 2024
Email us at info@midaseventsm.com for enquiries.

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Conference Programme

Theme: **Accelerating & Humanising Energy Transition and Digital Transformation in the Oil, Gas & Energy Industry**

Day 1, Thursday, 27 June 2024 @ Sipadan Hall 1, Level 4

07:30 AM	Registration of Delegates Arrival of Speakers and Members of the Press
08:30 AM	Arrival of Invited Guests
08:40 AM	Arrival of VVIPs
09:00 AM	Arrival of Guest of Honour, The Right Honourable Datuk Seri Panglima Haji Hajiji Haji Noor, Chief Minister of Sabah
09:05 AM	Welcoming Address by: Dolly Jimayol, EMBA, CEM, Organising Chairperson, Project Director, Midas Events Management
09:15 AM	Opening Address by: Guest of Honour,The Right Honourable Datuk Seri Panglima Haji Hajiji Haji Noor, Chief Minister of Sabah
09:35 AM	**OPENING CEREMONY**
09:45 AM	**State of the industry Address** Keynote Address 1: *"Outlook & Projection for Sabah: Oil & Gas, Technology and Energy Transition towards NetZero"* Datuk Bacho Pilong, Senior Vice President, Project Delivery & Technology PETRONAS (TBC)
10:05 AM	Keynote Address 2: *"Decarbonising Energy Systems - Opportunities & Challenges"* By Shell Malaysia (TBC)
10:25 AM	Special Address: *"Transforming OGSE to capitalise on opportunities arising from energy transition"* Ts Syed Saggaf Syed Ahmad, President, Malaysian Oil, Gas & Energy Services Council
10:45 AM	**Morning Break, Networking, Exhibition Tour by Guest of Honour**
11:05 AM	Paper 1: *"National Energy Transition Roadmap (NETR) accelerates energy transition and change the way energy is generated to improve climate resilience"* Dr Afiza binti Idris, Director, Energy Division, Ministry of Economy
11:35 PM	Plenary Session 1 by SPE - KLS: *"Just Energy Transition - Rhythm of Transformation"* Moderator: (TBC) Panel Speakers: Abdul Aziz Othman, President, Malaysian Gas Association Panelist 2 : (TBC) Panelist 3: (TBC)
12:35 PM	**Lunch, Networking and Visit Exhibition**
02:00 PM	Plenary Session 2: *"What are the challenges of Digital Transformation and How can Digital Transformation Technology accelerate ESG monitoring, compliance and reporting in Oil and Gas industry?"* Moderator: Ts Amir Hisham Albakri, Director of Sales & Business Development, Kemuncak Lanai Sdn Bhd Panel Speakers: Zamir Rashid, Managing Director, INNOVEAM Sdn Bhd Dr.-Ing. Tommy Halim, Sensor and Transformer Automation Specialist, Maschinenfabrik Reinhausen, Germany Shaharuddin Hamid Mustapha, Senior General Manager, Project Delivery & Technology, PETRONAS
03:00 PM	Plenary Session 3: *"How can Sabah position itself to become an attractive destination for green investment (low-carbon, green hydrogen, EV)?"* Moderator: McKinsey (TBC) Panelist 1: IDS (TBC) Panelist 2: (TBC) Panelist 3: Gentari (TBC)
04:00 PM	**Afternoon Break, Networking**
04:20 PM	Paper 2: *"Energy Security & Sustainability for Sabah"* By: Sabah Energy Corporation
04:50 PM	**End of Session, Visit Exhibition**
07:00 PM - 11:00 PM	SOGCE Welcome Dinner

END OF DAY 1

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Theme: **Accelerating & Humanising Energy Transition and Digital Transformation in the Oil, Gas & Energy Industry**

Day 2, Friday, 28 June 2024 @ Sipadan Hall 1, Level 4

08:00 AM	Arrival of Speakers & Delegates
08:30 AM	Keynote Address: Datuk Harun Ismail, JP, Managing Director/Chief Executive Officer, Sabah Oil & Gas Development Corporation (SOGDC)
08:50 AM	Plenary Session 4: *"Human Capital Development: How to respond to changes & transformation coming from emerging trends?"* Moderator : Nazliyah Md Ali, Sector Head, Industry Partnership, Talent Development Corporation Panel Speakers: Datuk Joseph Podtung, Chief Executive Officer, Malaysia - Thailand Joint Authority Panelist 2 : PETRA Energy Bhd (TBC) Kamarul A, Chief Executive Officer, Aerodyne Group
09:50 AM	**Morning Break, Networking**
10:05 AM	Plenary Session 5: *"Why Malaysia's OGSE industry important, what are the challenges facing them and how do they contribute in the evolution of energy towards a low-carbon sustainable future?"* Moderator: Ts. Faiz Latip, Founder & Chief Executive Officer, Semarak Training Panel Speakers: Ts Anwarudin Saidu Mohamed, Honorary Secretary, Malaysian Oil, Gas & Energy Services Council Panelist 2: Malaysia Petroleum Resources Corporation (TBC) Panelist 3: PETRONAS Sabah & Labuan (TBC)
11:05 AM	Plenary Session 6: *"Circular Economy: Future Growth Area for Sabah towards NetZero?"* Moderator: (TBC) Panelist 1: MITI (TBC) Prof Ir. Dr Rosalam Sabartly, Deputy Vice Chancelor (Research & Innovation), University Malaysia Sabah Ms Widya Kadderi, Manager, Waste to Resources, PETRONAS (TBC)
12:05 PM	**Lunch, Networking, Visit Exhibition**
01:30 PM	In Conversation with Iconoclasts The Honourable Datuk Seri Panglima Haji Masidi Manjun (TBC), Minister of Finance, Sabah, Chairman, SMJ Energy Sdn Bhd Dr Kenneth Pereira (TBC), Managing Director, Hibiscus Petroleum Berhad
02:30 PM	MOGSC/SOGSC Panel Session: *"Creating a Resilient Industry Ecosystem"* Moderator: (TBC) Panelist 1 : (TBC) Panelist 2 : (TBC) Panelist 3 : (TBC)
03:30 PM	**Afternoon Break, Networking**
03:45 PM	Paper 3: *"How can Sabah be part of the national carbon trading mechanism?"* Bursa Malaysia Speaker: Dr We-nee Chen, EVP and Head of Carbon Market, BURSA Malaysia
4:15 PM	Paper 4: By: Sabah Ports Sdn Bhd
04:45 PM	Paper 5: *"Investment Opportunities and Sustainability Related Incentives"*
05:15 PM	**End of Session, Visit Exhibition**

END OF DAY 2

Day 3, Saturday, 29 June 2024 - SOGCE Networking Golf