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 stands out as the sole conference and exhibition dedicated to oil, gas, and energy in Sabah.

SOGCE serves as a comprehensive industry platform, bringing together professionals, technologists, industry experts, and policymakers in the oil, gas, and energy sectors. This unique gathering facilitates networking and discussions on crucial industry matters, fostering growth and exploration of opportunities within the Sabah region. Additionally, SOGCE offers exhibitors a prime opportunity to showcase their products and services, contributing to the promotion of the oil, gas, and energy industry in Sabah. It aligns with the state government's efforts and encourages collaborations and partnerships, creating mutual benefits and opening doors for local contractors in Sabah to actively participate in the oil, gas, and energy sector.

The 11th edition of SOGCE spans two full days, featuring a conference with engaging paper presentations, plenary sessions, and a concurrent 2-day exhibition. This exhibition highlights the latest equipment, technology, and solutions, demonstrating competitive advantages and competencies in the field. Notably, the conference and exhibition run in parallel, providing a comprehensive experience for attendees.

Furthermore, the event includes the SOGCE Networking Golf, hosted by Midas Events Management (MEM) and organized by the Malaysian Oil, Gas & Energy Services Council (MOGSC).

To enhance the overall value of SOGCE, a program tailored for young professionals will also be featured.

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

That being said, according to the 2024 Economic Outlook report released by the Finance Ministry (MoF) today (October 13), the 'Just Transition" approach holds the promise of harmonising the issues as the nation grapples with the entwined challenges of achieving high-income nation status while managing its natural heritage as well as safeguarding the people. The report said that Guided by the principles of "Just Transitions" and the government of the day economy framework, Malaysia charts a development trajectory leading to a sustainable future that is comprehensive and environmentally conscious, through the equilibrium between economic growth, climate mitigation and adaptation as well as social justice. With Malaysia's growing economy and population, coupled with increasing temperatures in the region, the energy sector will assume the most pivotal role in ensuring this just transition.

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."2023)

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
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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

07:15 AM	Registration of Delegates Arrival of Speakers and Members of the Press
08:15 AM	Arrival of Invited Guests
08:30 AM	Arrival of VVIPs
08:45 AM	Arrival of Guest of Honour, The Right Honourable Datuk Seri Panglima Haji Hajiji Haji Noor, Chief Minister of Sabah
08:50 AM	Welcoming Address by: Dolly Jimayol, EMBA, CEM, Organising Chairperson, Project Director, Midas Events Management
09:00 AM	Opening Address by: Guest of Honour,The Right Honourable Datuk Seri Panglima Haji Hajiji Haji Noor, Chief Minister of Sabah
09:20 AM	**OPENING CEREMONY**
09:30 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, Malaysia Petroleum Management, PETRONAS
09:50 AM	Keynote Address 2: *"Decarbonising Energy Systems - Opportunities & Challenges"* Siti Sulaiman, Country Chair and Senior Vice President Upstream Malaysia, Shell Malaysia
10:10 AM	Special Address 1: *"Transforming OGSE to capitalise on opportunities arising from energy transition"* Ts Syed Saggaf Syed Ahmad, President, Malaysian Oil, Gas & Energy Services Council
10: 30 AM	Special Address 2: *"Sabah OGSE Sector in positioning & accelerating Sabah as catalyst for National Energy Aspiration"* *Dato' Harris Haji Annuar Tan, President, Sabah Oil and Gas Services Council*
10:45 AM	Special Address 3: *"Energizing Progress: For Efficient & Sustainable Energy Futures"* Datuk Adzmir Abdul RahmanChief Executive Officer, Sabah Energy Corporation
11:10 AM	**Morning Break, Networking, Exhibition Tour by Guest of Honour**
11:30 PM	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
12:00 PM	Plenary Session 1: *"Rise of Malaysia OGSE ecosystem in evolving low carbon landscape - The Challenges & Opportunities"* Moderator: Ts. Faiz Latip, Founder & Chief Executive Officer, Semarak Training Panelist 1: Ts Anwaruddin Saidu Mohamed, Honorary Secretary, Malaysian Oil, Gas & Energy Services Council Panelist 2: Mustafa Akbar Reza, Head of Operations, Malaysia Petroleum Resources Corporation Panelist 3: Mohd Johan Ariff Bin Mohd Supian, Senior General Manager (Sabah), Malaysia Assets, Upstream Business, PETRONAS Panelist 4: Ts Sharifah Zaida Nurlisha Syed Ibrahim, Chief Executive Officer, MMC Oil & Gas Engineering Sdn Bhd
01:00 PM	**Lunch, Networking and Visit Exhibition**
02:30 PM	Plenary Session 2: *"Digital Technologies & Transformation - Leap towards ESG Practices"* Moderator: Ts Amir Hisham Albakri, Director of Sales & Business Development, Kemuncak Lanai Sdn Bhd Panelist 1: Zamir Rashid, Managing Director, INNOVEAM Sdn Bhd Panelist 2: Dr.-Ing. Tommy Halim, Sensor and Transformer Automation Specialist, Maschinenfabrik Reinhausen, Germany Panelist 3: Shaharuddin Hamid Mustapha, Senior General Manager, Project Delivery & Technology, PETRONAS Panelist 4: Deric Kong Wai Cheng, General Manager, Jaringan Semangat Sdn Bhd
03:30 PM	Plenary Session 3: *"Positioning Sabah as attractive landscape for green economy (low-carbon, hydrogen economy - Electrification)"* Moderator: Abdul Qavi Mohammed, Associate Partner, McKinsey Panelist 1: Professor Madya Datuk Ts. Dr. Ramzah Dambul, Chief Executive Officer, Institute for Development Studies (IDS) Sabah Panelist 2: Adlan B Ahmad, Head, Business Development and Commercial, Hydrogen, Gentari Panelist 3: Jan Vaas, Head of Sales, Project Development APAC, Voith Turbo, Germany Panelist 4: Abdul Aziz Othman, President, Malaysian Gas Association
04:30 PM	**Afternoon Break, Networking, End of Session, Visit Exhibition**
07:00 PM - 11:00 PM	SOGCE Welcome Dinner at Sipadan Hall 1, Level 4, SICC

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	Keynote Address: Datuk Harun Ismail, JP, Managing Director/Chief Executive Officer, Sabah Oil & Gas Development Corporation (SOGDC)
08:20 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 Corporation Malaysia Berhad (TalentCorp). Panelist 1 : Datuk Joseph Podtung, Chief Executive Officer, Malaysia - Thailand Joint Authority Panelist 2 : Dato' Paduka Ts. Udani bin Dato' Seri Mohamed Daud, Group Executive Chairman, MaxEnergy Group Panelist 3 : Kamarul A, Chief Executive Officer, Aerodyne Group Panelist 4: Wong Kim Mun, General Manager, Sabah Deepwater, Shell Malaysia Panelist 5: Ian Lim, General Manager, Growth, ConocoPhillips Malaysia
09:30 AM	**Morning Break, Networking**
09:45 AM	Plenary Session 5: *"Just Energy Transition - Rhythm of Transformation"* Moderator: Hazwan Hairollah, Secretary, Society of Petroleum Engineers - Kuala Lumpur Section Panelist 1: Samuel Low, Head of Consulting APAC, Rystad Energy, Singapore Panelist 2: Aminuddin Said, Director Sales & Marketing, SLB, East Asia Panelist 3: Dr Rahim Masoudi, GTA & Custodian Reservoir Engineering, Resource Development & Management Malaysia Petroleum Management, Upstream Business, PETRONAS Panelist 4: Norizah Othman, General Manager, Projects, Shell Malaysia Panelist 5: Low Kok Wee, Head of Sabah Petroleum Development, PTTEP
11.00 AM	Plenary Session 6: *"Circular Economy: Future Growth Area for Sabah towards NetZero?"* Moderator: Dr Rafiq bin Idris, Vice Chancellor, University College Sabah Foundation Panelist 1: Prof Ir. Dr Rosalam Sabartly, Deputy Vice Chancelor (Research & Innovation), University Malaysia Sabah Panelist 2: Stanley Chong Hon Chung, Deputy Permanent Secretary, Ministry of Local Government and Housing Sabah Panelist 3: Melvyn Lim Chee Liang (TBC), Senior Manager (Circular Economy), PETRONAS
12:00 PM	Paper 3: *"How can Sabah be part of the national carbon trading mechanism?"* Speaker: Dr Wei-nee Chen, EVP and Head of Carbon Market, BURSA Malaysia
12:30 PM	**Lunch, Networking, Visit Exhibition**
02:00 PM	In Conversation with Iconoclasts: *"The New Horizon - A Comprehensive Outlook towards Energy Transition"* Moderator: Ts. Anwaruddin Saidu Mohamed, Chief Technology Officer, Reservoir Link Energy Berhad, Chairman, Society of Petroleum Engineers - Kuala Lumpur Section Guest Speaker 1: Datuk Brenndon Keith Soh, Executive Director, Legal & Commercial, SMJ Energy Sdn Bhd Guest Speaker 2: Dr Kenneth Pereira, Managing Director, Hibiscus Petroleum Berhad
03:00 PM	MOGSC/SOGSC Panel Session: *"Creating a Resilient Industry Ecosystem"* Moderator: Ir Muammar Gadafi Othman, Senior General Manager, Category Management, Group Procurement, PETRONAS Panelist 1: Zahris Sham Abu Musa, Vice President, Malaysian Oil, Gas & Energy Services Council Panelist 2: Jesselton Jason, Vice President 1, Sabah Oil & Gas Services Council Panelist 3: Gesiri Gambung, Chief Executive Officer, Eternity Mode Sdn Bhd Panelist 4: The Honourable Tan Sri Datuk Seri Panglima David Wong Dak Wah, Former Chief Judge of Sabah & Sarawak Chairman, Borneo International Centre for Arbitration & Mediation
04:15 PM	**Afternoon Break, Networking**
04:30 PM	Paper 4: Speaker: Siti Noraishah Azizan, General Manager, Corporate Services, Sabah Ports Sdn Bhd
05:00 PM	Paper 5: *"Investment Opportunities and Sustainability Related Incentives"* Speaker: Navena Thambirajah (Ms), Assistant Director, Chemical & Advanced Material Division, Malaysian Investment Development Authority
05:30 PM	**End of Session, Visit Exhibition**
06:00 PM - 08:00 PM	BICAM/SOGCE Networking Cocktail, Annex A, SICC, KK Programme: TBA

END OF DAY 2