



OFFSHORE TECHNOLOGY CONFERENCE ASIA

2 - 6 November 2020
Virtual

Excellence in Asia:
Creating a Sustainable
Energy Equation - The Next 50 years

Post Event Report

PRINCIPAL SPONSORS



OTC ORGANISATIONS

The Offshore Technology Conference (OTC) events around the globe, including OTC Asia, are brought to you by 13 sponsoring non-profit academic, scientific and professional organisations dedicated to the advancement and diffusion of scientific and technological knowledge of offshore resources and related environmental matters.

Income from this event is invested back into the sponsoring organisations' programmes that will provide opportunities for industry professionals to enhance their professional and technical competence, and to promote education in areas to continue to help advance the offshore energy industry.

SPONSORING ORGANISATIONS



American Association of Petroleum Geologists



American Institute of Chemical Engineers



American Institute of Mining, Metallurgical, and Petroleum Engineers



American Society of Civil Engineers



American Society of Mechanical Engineers



Institute of Electrical and Electronics Engineers, Oceanic and Engineering Society



Marine Technology Society



Society of Exploration Geophysicists



Society for Mining, Metallurgy & Exploration



Society of Naval Architects and Marine Engineers



Society of Petroleum Engineers



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Petroleum Equipment & Suppliers Association

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Gold Sponsor



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Silver Sponsor



Silver Sponsor



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Sponsor

Asia's Premier Offshore Energy Event

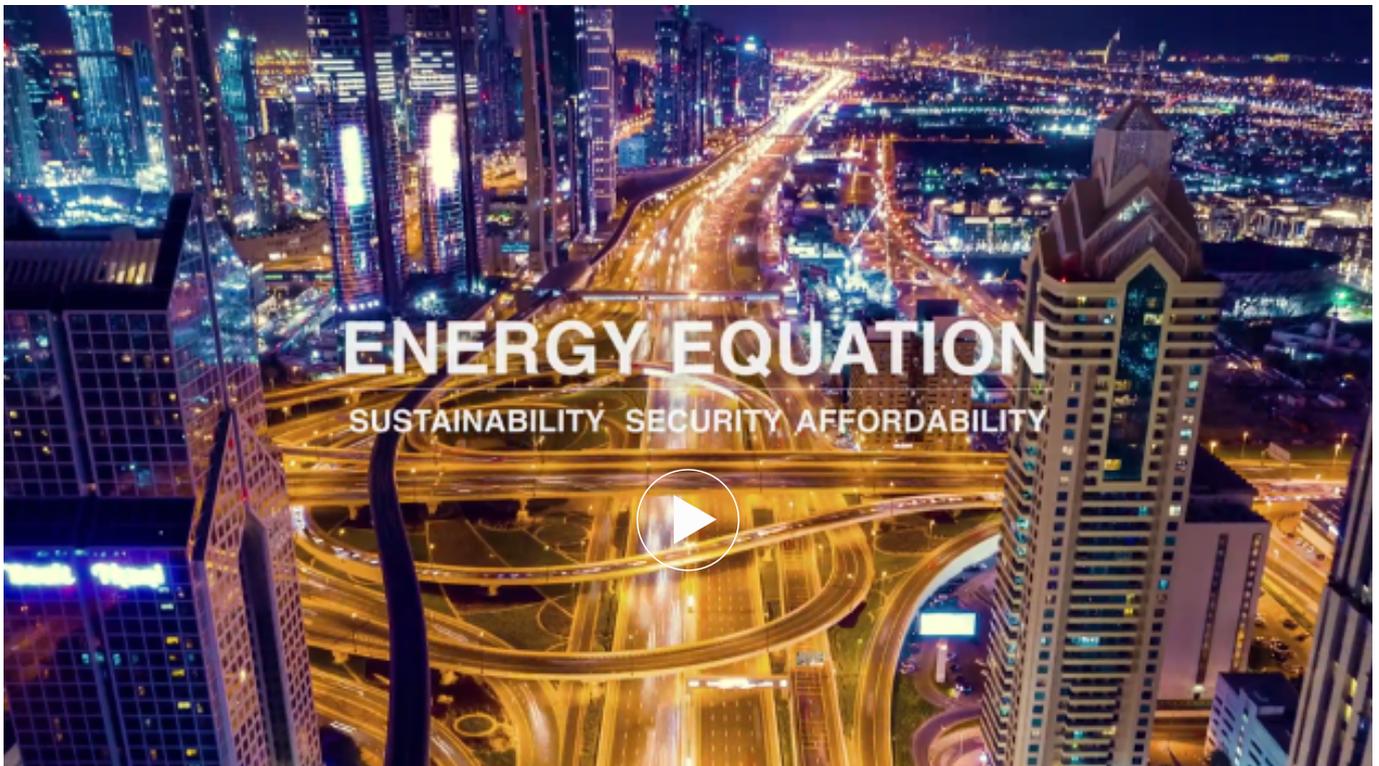
Founded in 1969, the Offshore Technology Conference (OTC) organises the world's foremost events for the development of offshore resources in the fields of drilling, exploration, production and environmental protection. The flagship OTC is held annually in Houston, Texas, U.S.A.

The first OTC Asia was held in 2014. OTC Asia's vision and goal are to fulfil OTC's mission to promote and further the advance of scientific and technical knowledge of offshore resources and environmental matters.

OTC Asia aims to:

- Meet the demand for technical information to support the growth of the offshore oil and gas industry in Asia.
- Provide opportunities for industry professionals and their employers to share their applied technologies and best practices with other producing areas in the world.
- Create opportunities to institute and strengthen intersociety collaboration and cooperation with member societies based in Asia.

OTC Asia 2020 was held virtually to provide the industry a platform for continued knowledge-sharing and professional development, and to preserve the significant work of the programme committee and authors who had prepared for the in-person event originally planned for March 2020.



ABOUT OTC ASIA

OTC Asia 2020 in Numbers



3,050
Unique Attendees



775
Participating Organisations



42
Sponsors and Exhibitors



227 C-Suite Executives
and Government Officials



56
Countries Represented



20+ Hours of High-Level
Industry Dialogues

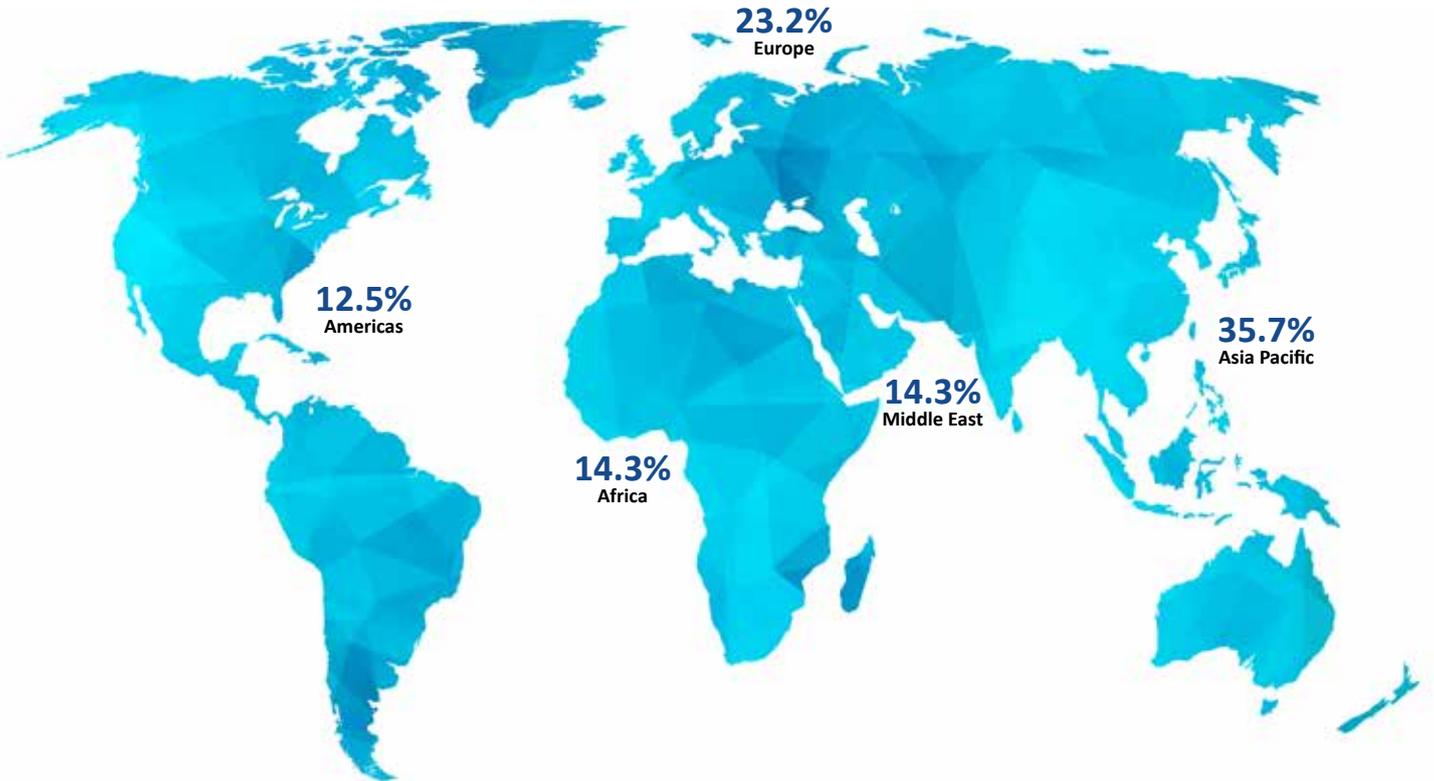


35+ Hours of Networking and
Business Opportunities



43
NOCs and IOCs

Attendance by Region



Top 10 Countries



Malaysia



Thailand



Singapore



India



China



United States



Australia



Indonesia



United Arab
Emirates



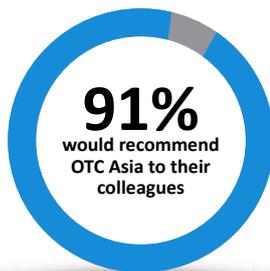
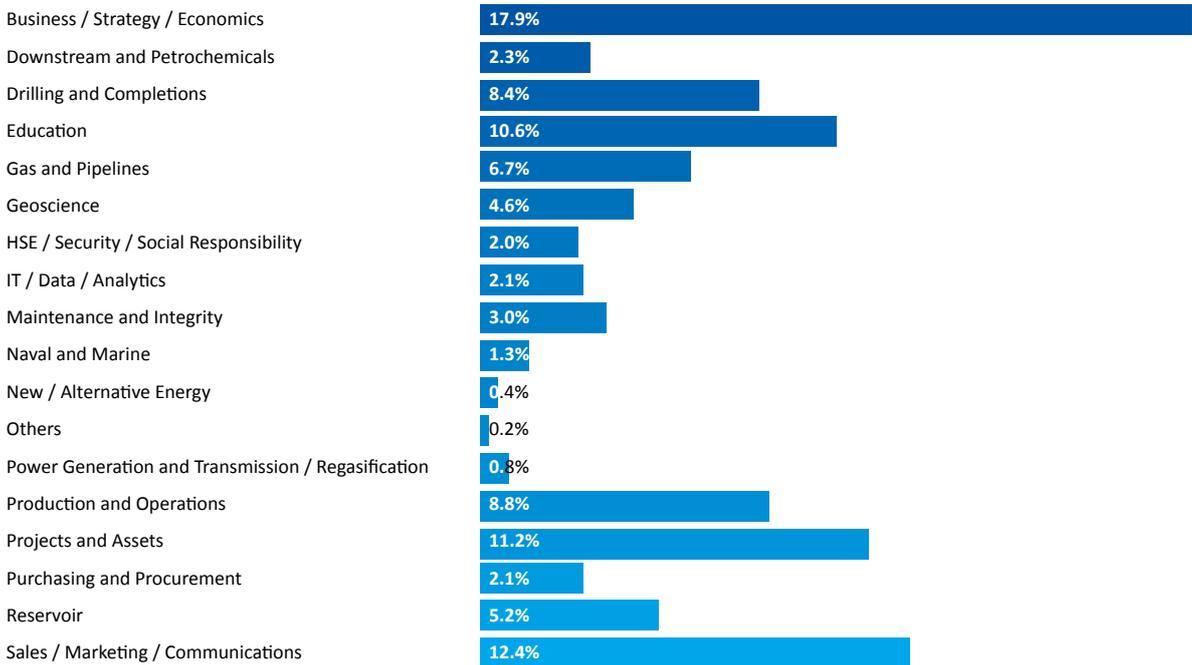
United Kingdom

ABOUT OTC ASIA

Attendance by Primary Business



Attendance by Job Function



ABOUT OTC ASIA

Conference



1,839
Conference Delegates



77
Conference Sessions



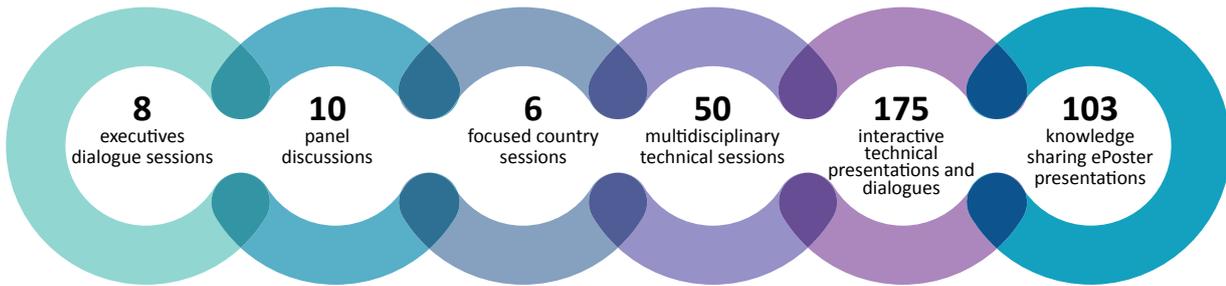
382
Speakers



277
Technical Presentations



133
Presenting Organisations



Exhibition



37
Exhibitors



18
Sponsors

Recognition Programmes

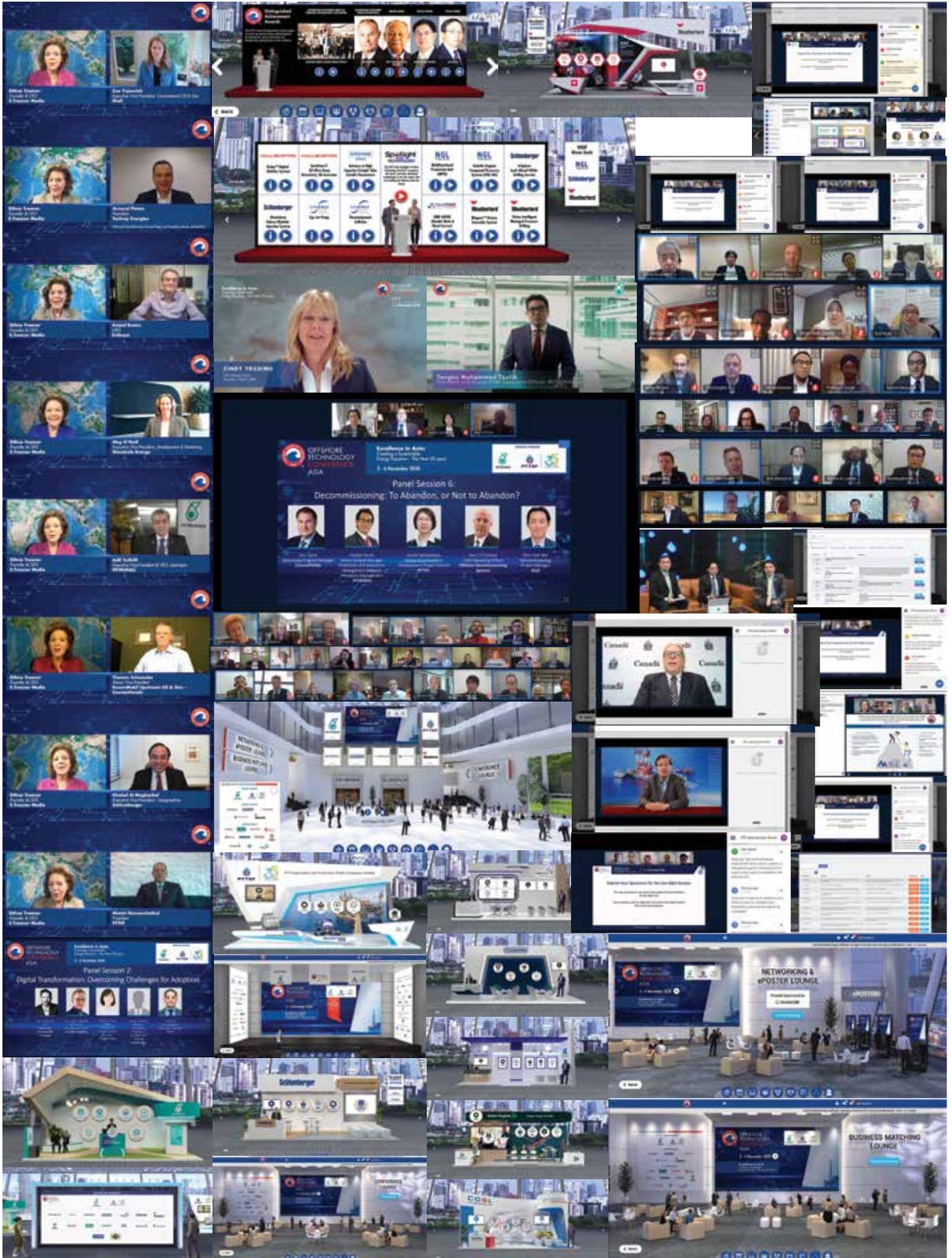


**Distinguished
Achievement
Awards**

SpotlightSM
on new
TECHNOLOGY



OTC ASIA 2020 IN PHOTOS



OTC BOARD OF DIRECTORS

OTC Board of Directors

The Board of Directors is responsible for the operational stewardship of the event, to ensure that OTC's mission is upheld.

Members of the OTC Board are appointed for four-year terms by their respective society or organisation. The OTC Board includes 14 representatives, 12 from OTC's sponsoring organisations and two from OTC's endorsing organisations. The two principal officers, the Chairman and the Vice Chairman, are elected for two-year terms by the Board during their annual meeting.

Chair



Cindy Yeilding
American Association of
Petroleum Geologists

Vice Chair

Paul Jones, **Society of Petroleum Engineers**

Members

Lirio Quintero, **American Institute of Chemical Engineers**
Brian Miller, **American Society of Civil Engineers**
Doreen Chin, **American Society of Mechanical Engineers**
Jerry Carroll, **Institute of Electrical and Electronics Engineers, Oceanic Engineering Society**
Sandeep Khurana, **Marine Technology Society**
Alex Martinez, **Society of Exploration Geophysicists**
Dan McConnel, **Society of Mining, Metallurgy and Exploration**
Steve Leverette, **Society of Naval Architects and Marine Engineers**
Greg Kusinski, **The Minerals, Metals and Materials Society**
Carlos Mastrangelo, **Brazilian Petroleum, Gas and Biofuels Institute**
Robert Eifler, **International Association of Drilling Contractors**
Galen Cobb, **Petroleum Equipment & Services Association**

COMMITTEES

Oversight Committee

The Oversight Committee consists of representatives from OTC's twelve sponsoring organisation. In addition to reporting to the OTC Board of Directors and ensuring the OTC brand is maintained throughout the planning and execution of the event, the Oversight Committee is also responsible for reviewing and assessing nominations and applications for the Distinguished Achievement Awards, and Spotlight on New Technology Awards.

Chair



Neil Kavanagh
Chief Scientist
Woodside Energy

Members

Carlos Mastrangelo, **B-in Partners**
Malcolm Lewis Heron, **Institute of Electrical and Electronics Engineers, Oceanic Engineering Society**
Greg Beckstrom, **Independent**
Adriaan Tange, **Independent**
Charles Knobloch, **Knobloch & Trip**
John Halkyard, **Ocean Minerals LLC**
AJ Jain, **Sapura Energy**
Arnis Judzis, **University of Utah**
Doreen Chin, **Yunka Energy**

COMMITTEES

Executive Programme Committee

The Executive Programme Committee consists of senior executives from relevant stakeholders in the Asia Pacific region from national and international operators, service companies and government agencies. The Executive Programme Committee is responsible for developing the executive dialogue, panel and country sessions for the conference.

Chair



Mohamed Firouz Asnan
Senior Vice President
Malaysia Petroleum Management
PETRONAS

Vice Chair



Chayong Borisuitsawat
Executive Vice President
Engineering and Development Group
PTTEP

Vice Chair



Richard Kho
Managing Director
Global Solutions, Malaysia
Shell

Members

- Saoud Mubarak Almehairbi, Senior Vice President, Umm Lulu, SARB, SU Business Unit, Abu Dhabi National Oil Co. Offshore
- Ahmad Hatta Kamaruzzaman, Managing Director, Malaysia & Brunei, Aker Solutions Malaysia Sdn. Bhd.
- Maria Sferruzza, Senior Vice President, Asia Pacific, Baker Hughes Company
- Jeff Lehmann, Managing Director, Chevron South Asia Ltd.
- Ma Xinhua, Academician of Chinese Academy of Engineering and President, RIPED, China National Petroleum Corp.
- Chen Rongqi, Chief Technical Officer, China Offshore Oil Engineering Co., Ltd.
- David Hendicott, President, Malaysia, ConocoPhillips
- Mustaffa Kamal bin Abu Bakar, Chief Operating Officer, Dialog Group Berhad
- Edward Graham, Chairman & President, ExxonMobil Exploration and Production Malaysia Inc.
- Sid Whyte, Vice President – Asia Pacific, Halliburton
- Zhao Zhiyong, Vice President, Asia, Hess
- Kenneth Pereira, Managing Director, Hibiscus Petroleum Bhd.
- Yasuhiko Kotera, Executive Officer, General Manager, Technical Strategy Dept., JX Nippon Oil & Gas Exploration Corporation
- Naser Al Hajri, Senior Vice President - Operations, Southeast Asia, Mubadala Petroleum
- Mohamad Hanif bin Hashim, Senior Vice President, Petrofac
- Carlos S. Lopez, Regional Asia & Russia Technical Senior Manager, Repsol
- Datuk Kris Azman Abdullah, Senior Vice President, Special Projects, Sapura Energy Berhad
- Ali A. Al-Meshari, Manager, EXPEC Advanced Research Centre, Saudi Aramco
- Zahris Sham Abu Musa, Global Account Director – PETRONAS, Schlumberger
- Valentina Gabriel, Senior Vice President, Asia Pacific Business Unit, Technip Energies, TechnipFMC
- Anne-Sophie Vervial, Vice President, Country Delegate Brunei, China, Malaysia, Thailand, Vietnam, Cambodia, Philippines, Total E&P Asia Pacific
- Eric Young, Vice President - Asia, Weatherford

MALAYSIA TASK FORCE

The Malaysia Task Force consists of representatives from relevant stakeholders in Malaysia, with the goal of working together to manage Malaysian interests, in order to ensure the event meets the needs of the local industry.

Chair



Hazli Sham Kassim
Chief Strategic Liaison Officer
PETRONAS
and President
Malaysian Gas Association

Vice Chair



Sharifah Zaida Nurlisha
Chief Operating Officer
MMC Oil & Gas Engineering Sdn. Bhd.
and President
Malaysian Oil and Gas Services Council

Members

- Malaysia Gas Association
- Malaysia External Trade Development Corp.
- Malaysian Investment Development Authority
- Malaysia Oil & Gas Services Council
- Malaysia Petroleum Resources Council
- Malaysia Women in Energy

OPENING CEREMONY



YM Tengku Muhammad Taufik
President & Group CEO
PETRONAS



Cindy Yeilding
Chair
OTC Board



EXECUTIVE DIALOGUE SESSIONS

Creating a Sustainable Future – The Next 50 Years

The energy sector has witnessed increased application of new technologies, formed new collaborations, and enhanced business models to remain relevant and resilient in a dynamic energy landscape. Increasingly, industry players face the challenge of balancing the “Energy Trilemma” – energy security, energy affordability and environmental sustainability. Industry thought leaders shared their perspectives on solutions to address these challenges.



Amjad Bseisu
CEO
EnQuest

“ We see an exciting future...We see in the long-term value of looking at some of our assets as sinks or storage areas for carbon capture and sequestration, and turning the gas produced into hydrogen. ”



Thomas Schuessler
Senior Vice President, Upstream
Oil & Gas – Conventionals
ExxonMobil

“ The long-term fundamentals of our industry are strong. Second of all, the energy landscape will be reshaped, and third, natural gas in our view will increasingly become the fuel of choice. ”



Adif Zulkifli
Executive Vice President and CEO, Upstream
PETRONAS

“ We’ve got to reinvent the upstream business. For PETRONAS as a group there will be some portfolio shifts. We will move away from being a traditional oil and gas company and move more investments into the new energy space. ”



Montri Rawanchaikul
President
PTTEP

“ The next 10, 15, 20 years will see an increased focus on achieving sustainability by going greener and cleaner. Gas will be a major part of the contribution. ”



Zoe Ujnovich
Executive Vice President
Conventional Oil & Gas
Shell

“ Partnerships in this space are changing. Once it would have traditionally been with engineering firms, and now you see collaborations happening in different spaces. The collaboration with Microsoft is much more attuned to driving reductions in carbon emissions, but also leveraging more broadly the suite of technologies, such as artificial intelligence. ”



Khaled Al Mogharbel
Executive Vice President - Geographies
Schlumberger

“ Strategy and people are really what is going to take us to the next phase and being ready for the next 50 years of what I hope is an exciting era for the industry despite all the challenges we have... Sustainability becomes part of everything we do. It’s part of the product lifecycle. ”



Arnaud Pieton
President, Subsea
Technip Energies

“ Let’s not forget gas in the whole energy transition conversation. And when we think gas, we must think Asia because a lot is happening there. ”



Meg O’Neill
Executive Vice President
Development & Marketing
Woodside Energy

“ As we think about the energy transition, one of the things that is very clear, is that we need to be looking at new energies that will allow us to get into lower carbon energy sources for the long-term. That underpins much of the work that we’re doing looking at hydrogen. ”

PANEL SESSIONS

Panel sessions featured business leaders and industry experts who engaged in insightful dialogues on current industry issues and shared knowledge and best practices in key areas of concern.

Panel Session 1: New Frontiers in Gas Processing



Maria Sferruzza
Senior Vice President, Asia Pacific
Baker Hughes



Mike Culligan
Manager
LNG Technology and Licensing
ConocoPhillips



Zakaria Kasah
Vice President
LNG Assets, Gas & New Energy Business
PETRONAS



Dominique Gadelle
Vice President
Gas Monetization
TechnipFMC



Manu Van Leuvenhaege
Senior Project Sales Manager
UOP Process Technologies
Honeywell UOP



Manikandan Narayanan
Director- Project Development
TechnipFMC

Panel Session 2: Digital Transformation: Overcoming Challenges for Adoption



Are Tjonn Follesdal
Senior Vice President and Head, ix3
AkerSolutions



Samuel Rocher
CEO
Cybernetix
a TechnipFMC Company



Ayaka Yamada
JAPAC Change and Transformation Manager
Google Cloud



Steve Freeman
Director of Artificial
Intelligence and Machine Learning
Schlumberger



Torwong Chenvidyakarn
Chief Data Scientist
PTTEP

Panel Session 3: Climate Change: Are We Doing Enough?



Jon Christopher Knudsen
Chief Commercial Officer
Aker Carbon Capture



Thirupathi Rao Narayanamoorthy
Head of Climate Change
PETRONAS



Lees Rodionov
Global Director Sustainability
Schlumberger



Julie Morgan
Chief Flow Assurance Engineer
Woodside Energy

PANEL SESSIONS

Panel Session 4: FPSO Solutions for Oil and Gas Fields Development: What Lies Ahead



Matthew Tremblay
Senior Vice President
Global Offshore Markets
ABS



Danny Constantinis
Executive Chairman
EM&I Group



Jang Whan Kim
Chief Technical Advisor
Genesis Oil and Gas (TechnipFMC)



Arun Duggal
Director R&D
Sofec



Cedric Morandini
Offshore Business Development Director
South Asia Zone
Bureau Veritas



Allan Magee
Professor
National University of Singapore

Panel Session 5: Brownfield



John Penrose
Managing Director
EnQuest Petroleum Production Malaysia Ltd



Liu He
Chinese Academician of Engineering and Deputy
Chief Engineer
RIPED
China National Petroleum Corp.



Chen Kah Seong
Vice President
Centre of Excellence
PETRONAS



Benjamin Choo
Country Manager
Malaysia Assets
PTTEP Sarawak Oil Limited



Pascal Hos
CEO
SEA Hibiscus Sdn. Bhd.



Dipak Mandal
Reservoir Consultant



Rajesh Trivedi
Production & Planning Business Owner
South East Asia
Schlumberger

PANEL SESSIONS

Panel Session 6: Decommissioning: To Abandon, or Not to Abandon?



John Hand
Technology Program Manager
ConocoPhillips



Handan Ramli
Senior General Manager Production and
Operations Management
Malaysia Petroleum Management
PETRONAS



Kanita Sartwattayu
Senior Vice President
Development Project Division
PTTEP



Kevin O'Flaherty
Chief Operating Officer
Offshore Decommissioning Services



Khor Chih Wei
Decommissioning Project Manager
Shell

Panel Session 7: Talent and Capability Development: Closing the Gap



Stephen Remedios
Partner and Associate Director
Boston Consulting Group



Cindy Yeilding
Senior Vice President
Strategic Initiatives
BP America, Inc.



Emeliana Rice-Oxley
Vice President
Exploration Upstream
PETRONAS



Susan Howes
Vice President of Engineering
Subsurface Consultants & Associates, LLC



Sandeep K. Chondola
Custodian & Head (Capability)
Technical Assurance & Capability
PETRONAS Exploration



Bob Shoup
Chief Geologist
Subsurface Consultants & Associates, LLC

PANEL SESSIONS

Panel Session 8: Deepwater



Mohd Ammar Ahmad Hanapi
Head Project Governance
Resource Development & Management
PETRONAS



Prithipal Singh
General Manager, Deepwater Malaysia &
Sabah Asset
Shell



Christophe Dieumegard
Vice President Subsea
Projects & Asia Pacific Area
TechnipFMC



Artur Nunes da Silva
Vice President
Deepwater Production Line
Total



Rahim Masoudi
GTA & Custodian- Reservoir Engineering
Resource Development & Management
MPM, Upstream Business
PETRONAS

Panel Session 9: Navigating a Disruptive Business Landscape



Mazin Al Lamki
Chief Operating Officer
Mubadala Petroleum



Samsudin Miskon
Senior Vice President
Project Delivery & Technology
PETRONAS



Datuk Kris Azman Abdullah
Senior Vice President
Special Projects
Sapura Energy Berhad



Frederik Majkut
Marketing & Strategy Director – Asia
Schlumberger



John McCreery
Advisory Partner
Bain & Co.

Panel Session 10: Renewable and New Energy



Andrea Alfani
Vice President
Turbomachinery & Process Solutions, APAC
Baker Hughes



Patrick G. Hartley
Leader, CSIRO Hydrogen
Industry Mission
CSIRO Energy



Felicity Underhill
General Manager, Future Fuels
Origin Energy



Jason Mariyappan
Head, New Energy
PETRONAS



Michel J. Azlir
Business Development Manager APAC
SBM Offshore



Heather Gustin
Independent



Syed Malek Faisal Syed Mohamad
Head of Business Development
PETRONAS New Energy

COUNTRY SESSIONS

Country sessions provided in-depth coverage of the latest oil and gas developments in Asia and beyond. In addition to country briefings that included market outlooks, investment climate and opportunities, these sessions also highlighted industry and technological advancements in recent and on-going major projects.

Countries:



Country Session 1: Japan



Junya Okazaki
Membrane Scientist
JGC Corporation



Nagayuki Suzuki
Director, Office of Offshore Development
Nippon Foundation



Yoshihiro Sawada
Corporate Adviser
General Manager of International Affairs Dept.
Japan CCS Co., Ltd.



Jiro Tanaka
Associate General Manager, International Affairs Dept.
Japan CCS Co., Ltd.



Keisuke Miyoshi
Director, Project Team
CCS Group
JOGMEC



Atsushi Hatakeyama
Senior General Manager Technical / Deputy Managing Director
JX Nippon Oil & Gas Exploration (Malaysia)

Country Session 2: Australia



Chris Clark
Deputy Director General
Department of Jobs, Tourism, Science and Innovation



Neil Kavanagh
Chief Scientist
Woodside Energy Ltd



Colin McIvor
Cluster Manager
Subsea Innovation Cluster Australia (SICA)



Francis Norman
General Manager
Innovation & Strategy
National Energy Resources Australia (NERA)

COUNTRY SESSIONS

Country Session 3: Thailand



Wattanapong Kurovat
Director General
Energy Policy and Planning Office
Ministry of Energy of Thailand



Warakorn Brahmpopala
Director
Strategy and Planning Division,
Department of Mineral Fuels
Ministry of Energy of Thailand



Thanasit VichaiPAIRJWONG
Senior Vice President Corporate
Strategy Division
PTTEP

Country Session 4: Malaysia



Akbar Md Thayoob
President,
Malaysia Petrochemical Association (MPA)
and Head, Strategic Planning and Ventures,
PETRONAS Chemicals Group



Surayu Susah
Director of Chemical and Advanced
Material Industries Division
Malaysian Investment Development
Authority (MIDA)



Hazli Sham Kassim
President
Malaysia Gas Association (MGA)



Sharifah Zaida Nurlisha
President
Malaysian Oil and Gas Services Council
(MOGSC)

Country Session 5: China



Chen Rongqi
CTO
Engineering Construction Department
CNOOC



Hou Jianguo
Chief Engineer
LNG, R&D Center
CNOOC Gas and Power Group



Bo Yonghao
Deputy Director
Refinery and Chemical Department
China National Oil and Gas Exploration
and Development Company Ltd.



Alan M. Wang
Naval Architect and
Installation Engineer
China Offshore Oil Engineering
Cooperation (COOEC)



Jeffrey Gu
Assistant President
China Offshore Oil Engineering
Cooperation (COOEC)

COUNTRY SESSIONS

Country Session 6: Canada



Charles Reeves
Acting High Commissioner
of Canada
High Commission of Canada



Jim Keating
Vice President, Oil & Gas
Nalcor Energy



Jean-Francois Gauthier
Director of Business Development
GHGSat



Alex Hay
Founder & Principal
Southern Harbour



Mohan Gurusamy
Trade Commissioner
High Commission of Canada

TECHNICAL PANEL SESSIONS

Technical panel sessions featured new and emerging technologies, topics included:

- Subsea Mining: Cutting Edge Subsea Mining Technology
- Digital Well Solutions

Technical Panel Session 1: Subsea Mining: Cutting Edge Subsea Mining Technology



Nobuyuki Okamoto
Deputy Director General, Metals
Mining Technology Department
Japan Oil, Gas and Metals National
Corporation (JOGMEC)



KK Goi
Managing Director
NuStar Technologies



Matthew Kowalczyk
President
Ocean Floor Geophysics



Masanori Kyo
Deputy Director, Project Team for
Development of Production Technology
for Deep Ocean Resources
JAMSTEC



Eiichi Asakawa
General Manager
JGI, Inc.

Technical Panel Session 2: Digital Well Solutions



Kenza Lahlou
Vice President
Sales & Marketing
eDrilling



Mats Hermansen
Senior vice President Sales
Exebenus



Glenn-Ole Kaasa
CEO
Kelda Drilling Controls



Dismas Bismo
Technical Sales Manager
Asia Pacific - Drilling & Wells
Kongsberg Digital



Per Hagen
Regional Director
Norwegian Energy Partners

TECHNICAL SESSIONS

50 technical sessions provided industry professionals the opportunity to present their technical expertise, and share best practices and case studies with peers, serving as a platform for presenters and the industry to hone their knowledge through an active exchange of ideas.

Session Topics

- Approaches in Offshore Installation
- Production Maintenance and Integrated Operations
- Flow Assurance Research Advancement
- Deepwater Technology
- Drilling Efficiency
- Pipeline Design and Operations I
- Recent Advancements in Reservoir Modelling Technique
- Advancements in Laboratory Investigations: Chemical Flood
- Cost Management by Hazard Mitigation
- Formation Evaluation
- Downstream Digital Operations
- Asset Integrity Management
- Numerical Modelling of Hydrodynamics
- Geoscience/Geology
- Drilling Data Analytics
- Modern Stimulation Technologies for Productivity Improvement
- Technical Integrity and Process Safety
- Flow Assurance
- Project and Risk Management
- Drilling Optimisation
- Lean and Innovative Offshore Solutions
- Modelling of Fractured and Complex Reservoir
- HSE, Regulatory and Governance
- Metocean and Geotechnical Design
- Brownfield and Facilities
- Upstream Digital Operations
- Reservoir Characterisation
- Materials Selection and Corrosion
- EOR: Field Applications of Chemical Flooding
- Managed Pressure Drilling
- HPHT
- Challenging the Limits in Well Completion and Construction
- Floating and Riser Systems
- Recent Field Applications in IOR/EGR/EOR
- Alternative and Renewable Energy to Unlock Marginal Field Development
- Pipeline Design and Operations II
- Advancements in Reservoir Surveillance and Monitoring
- Field Application of Polymer, CO₂ Flooding and Nano Injections
- Geophysical Technology and Solutions: What's New?
- Sand Management Technology Applications and Advancement
- Pipeline and Structure Installation
- Decommissioning and Abandonment
- Subsea Production and Processing Systems
- Characterisation and Modelling of Unconventional Resources
- Drilling Fluids and Cementing Technology
- High CO₂ and Contaminated Fields
- Advanced Reservoir Characterisation
- Advancements in Laboratory Investigations: Polymer Flooding / Nano Injections
- Novel Approaches and Emerging Technologies in Geoscience
- Marginal Fields Development: Leapfrogging the Economic Hurdle

KNOWLEDGE SHARING EPOSTER SESSIONS

ePoster authors shared their technical studies via the ePoster library in the virtual platform.



Paper Number	Paper Title	Author(s)	Download Paper	Action
Invited Speaker	Technology Advancement Against Nature 30-40 ORE Success in a 40 Years Producing Field	F. Yash, S.N. Hassan, N. Leif, A. Ashour, A.Z. Isahak, A.H. Mustafa, S. Roy, S. Kumar, and A.P. Tata PETRONAS Carigali Sdn. Bhd.	Download	Watch
OTC-30540-MS	Static Adsorption of Amphiphilic Surfactant	W.I. Mohamed Amir, S. Zahra, A. Abd Manaf, PETRONAS Research Sdn. Bhd.	Download	Watch
OTC-30543-MS	Advanced Imaging Solution Using Existing Data Set for Geohazard Analysis	J. Kumar, T. Martin and G. Renhot, PGS	Download	Watch
OTC-30544-MS	The Drag Marine Vertical Axis Current Turbine to Assist in the Electrification of Offshore Platforms	A. Maimon and A.S. Soutajan, U. Teknologi Malaysia	Download	Watch
OTC-30554-MS	Rule-Based Design Application to Offshore Structures	N. Rajaguru, S. Pillai and C. Kumar, MCDermott International Inc.	Download	Watch
OTC-30555-MS	The Feasibility of Reservoir Responses as Fluid Monitoring Controlled System in Conventional Reservoir-hydrocarbon Production	K. Adha, I. Lubis, M. Hermans and K.A. Leiff, U. Teknologi PETRONAS	Download	Watch

Technical Programme Committee

The Technical Programme Committee is responsible for developing the technical programme for the event, thus is made up of technical experts from the energy industry.

AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS (AAPG) SUBCOMMITTEE

Subcommittee Chair

Robert Shoup, **Subsurface Consultants & Associates, LLC**

Members

Allan Filipov, **Independent**
John Jong, **JX Nippon Oil & Gas Exploration Corporation**

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS (AIChE) SUBCOMMITTEE

Subcommittee Chair

Julie Morgan, **Woodside Energy**

Members

Rafil Elyas, **East101 Sdn. Bhd.**
Tushar Poddar, **Energise Futures**
Marc Lehmann, **INPEX**

Subcommittee Vice Chair

Dominic Foo, **University of Nottingham**

AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) SUBCOMMITTEE

Subcommittee Chair

John Lim, **Shell**

Members

Patrick Yap, **NOV APL**
Chow WanHan, **Sarawak Shell Berhad**
Daniel Johnny David, **Sarawak Shell Berhad**
Vadim Anokhin, **Sarawak Shell Berhad**
Ahmad Hafizzi Abdullah, **Shell**
Ken Loh Khian Aik, **Shell**
Chee Sian Hoo, **Shell Project & Technology – East**
Rudranath Banerjee, **TechnipFMC**
Shahreyar Shahyrafar, **TechnipFMC**
Kien Peng Yee, **TechnipFMC**
Eu Shawn Lim, **Universiti Teknologi PETRONAS**
Mohd Shahir Liew, **Universiti Teknologi PETRONAS**
Noor Amila Wan Abdullah Zawawi, **Universiti Teknologi PETRONAS**

Subcommittee Vice Chair

Eng Yeow Kuan, **Independent**

Members

Nontiwat Hutangkura, **Chevron Thailand**
William Huen, **Curtin University**
Boon Chin Teh, **DNVGL**
Eddy Goh, **McDermott Asia Pacific**
Steven Ling Neng Yin, **McDermott Asia Pacific**
Paul Ong Pang Awn, **National University of Singapore**
XuDong Qian, **National University of Singapore**

AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME) SUBCOMMITTEE

Subcommittee Chair

Adriaan Tange, **Independent**

Members

Joseph Liew, **GE Oil & Gas**
Mohammed Abdul Hannan, **Newcastle University Singapore**
Chatri Kriengyakul, **PTTEP**
Kenneth Yip, **Shell Project & Technology - East**

Subcommittee Vice Chair

Albert Goh Chee Kong, **Qatar Petroleum**

IEEE OCEANIC AND ENGINEERING SOCIETY (IEEE OES) SUBCOMMITTEE

Subcommittee Chair

Khalid Isa, **Universiti Tun Hussein Onn Malaysia**

Members

Eiichi Asakawa, **JGI, Inc.**
M.A. Atmanand, **National Institute of Ocean Technology**
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DISTINGUISHED ACHIEVEMENT AWARDS



Distinguished Achievement Awards

The Offshore Technology Conference Asia (OTC Asia) Distinguished Achievement Awards recognises major technological, humanitarian, environment, and leadership contributions to the industry. This year's recipients are:



Kevin Owens

OTC Asia Distinguished Achievement Award for Individuals

Kevin Owens will be honoured for his outstanding and unique achievements, and extensive contributions to the industry throughout his 37-year career spanning 6 continents and 9 countries. He has shown remarkable leadership across operational excellence, ensuring personal and process safety, reliability, maintenance, production, and financial results. Owens also led efforts to safely and reliably start up five new LNG Trains, two domestic market gas installations and the world's largest CO2 sequestration project located in Australia.

OTC Asia Distinguished Achievement Award for Companies, Organisations and Institutions

Woodside Energy is recognised for their trailblazing Greater Enfield Project.

The Greater Enfield project is Australia's largest oilfield development currently in operation. The project also currently holds the world record for longest horizontal subsea water injection well and the world's first pipeline buoyant crossing of a seabed canyon.

With over 1.7 million work hours on the Mobile Offshore Drilling Unit, offshore installation vessels and pipelay vessel with zero lost work cases, its success and achievements are well-deserved.



Greater Enfield Project
Woodside Energy



Dato' Mohamad Idris Mansor

OTC Asia Heritage Award

Dato' Mohamad Idris Mansor is being recognised for his incredible achievements, specifically in establishing and growing PETRONAS Carigali, the E&P operation arm of PETRONAS, and his tremendous impact on the oil and gas industry in Malaysia and the region. Dato' Idris has been instrumental in advancing the energy industry through his guidance, leadership and volunteerism with the Society of Petroleum Engineers.

Special Citations

Phongsthorn Thavisin will receive a Special Citation for his outstanding leadership and volunteerism within the industry, as well as, his lifelong commitment to reshaping Thailand's energy industry through technological innovations and operational success.

Zhu Weilin will receive a Special Citation for his significant contribution to the China offshore industry, as one of its pioneers; as an explorer, developer, visionary leader and scholar; as well as for his outstanding knowledge of regional geology and petroleum systems.



Zhu Weilin



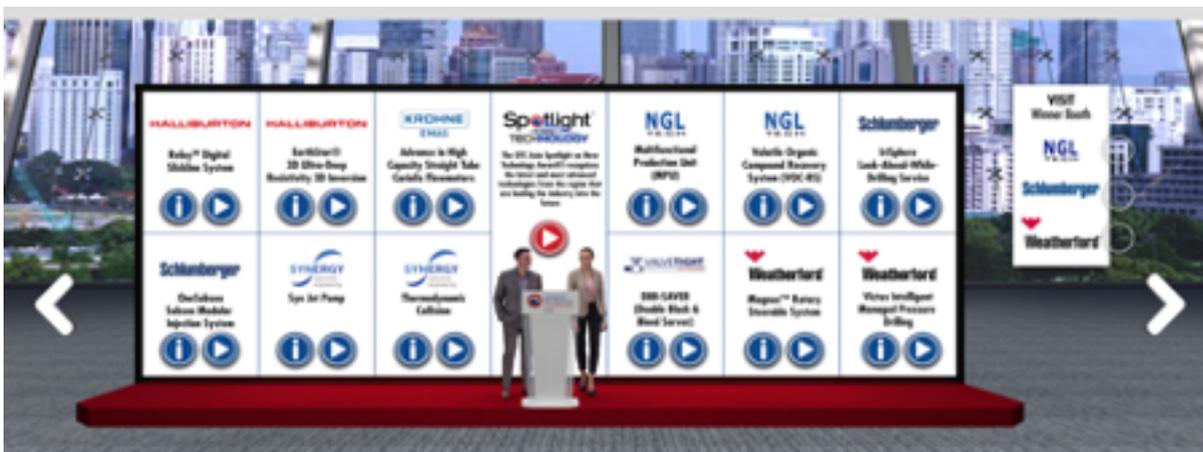
Phongsthorn Thavisin

SpotlightSM on new TECHNOLOGY

OTC Asia recognises innovative technologies with the Spotlight on New Technology® Award. The programme recognises the latest and most advanced technologies from the region that are leading the industry into the future.

Congratulations to the OTC Asia 2020 Spotlight on New Technology Award recipients:

- Halliburton, producer of Relay™ Digital Slickline System
- Halliburton, producer of Earthstar® 3D Ultra-Deep Resistivity 3D Inversion
- Khrono, producer of Advances in High Capacity Straight Tube Coriolis Flowmeters
- NGLTech Sdn Bhd, producer of Multifunctional Production Unit (MPU)
- NGLTech Sdn Bhd, producer of Volatile Organic Compound Recovery System (VOC-RS)
- Schlumberger, producer of Irisphere Look-Ahead-While-Drilling Service
- Schlumberger, producer of OneSubsea Subsea Modular Injection System
- Synergy Oil and Gas Engineering, producer of Syn Jet Pump
- Synergy Oil and Gas Engineering, producer of Thermodynamic Collision
- Valvetight, producer of DBB-Saver (Double Block & Bleed Saver)
- Weatherford, producer of Magnus™ Rotary Steerable System
- Weatherford, producer of Victus Intelligent Managed Pressure Drilling



Detailed information about the winning technologies can be found [here](#).

An OTC Event



Other OTC Events

